

RIIE

RESOURCES IN EDUCATION

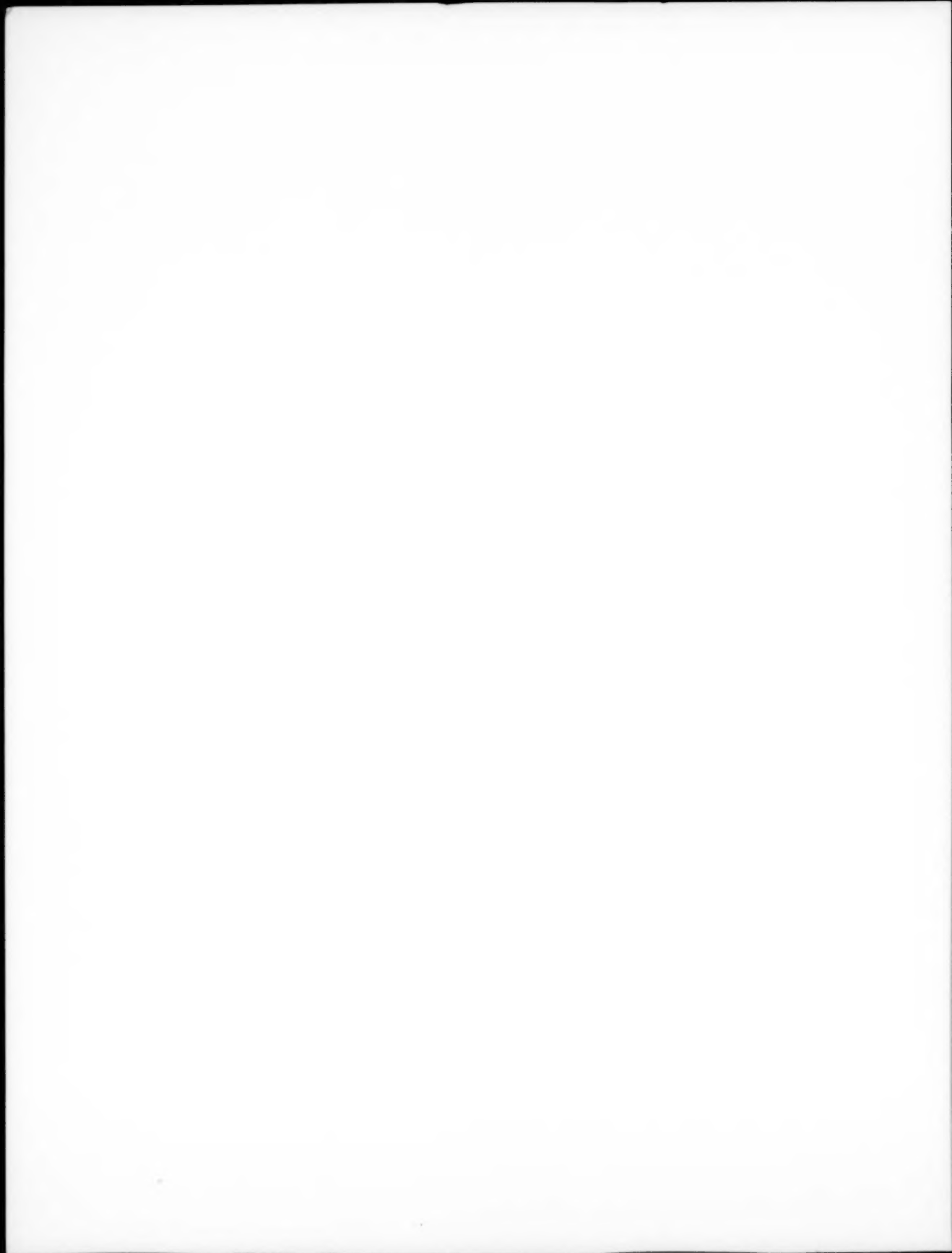
ED 327 632 — 328 661

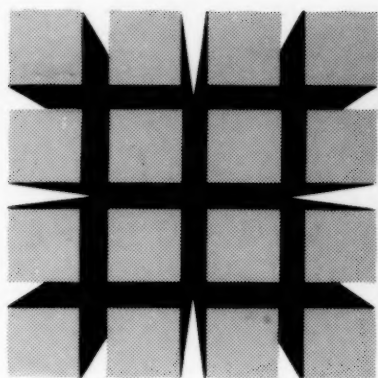


EDUCATIONAL RESOURCES



INFORMATION CENTER





RIE

RESOURCES IN EDUCATION

ED 327 632 — 328 661

June 1991

Volume 26/Number 6

TABLE OF CONTENTS

Introductory Pages

- Special Announcement(s)..... Inside Front Cover
- Selected Acronyms Used in RIE (with Definitions)..... ii
- Library of Congress Cataloging-in-Publication (CIP) Data for RIE..... ii
- Introduction..... iii
- New ERIC Clearinghouse Publications (Announced in this Issue of RIE)..... v
- Sample Document Resume (with Callouts)..... viii

Document Descriptions/Resumes..... 1

Indexes to Document Descriptions/Resumes

- Subject Index (Major Descriptors and Identifiers)..... 167
- Author Index (Including Editors and Compilers)..... 247
- Institution/Sponsoring Agency Index..... 265
- Publication Type Index..... 285
- Clearinghouse Number to ED Number Cross-Reference Index..... 307

Appended Pages

- Thesaurus Additions and Changes..... 311
- ERIC Price Codes (Showing Equivalent Prices)..... 312
- How to Order..... 313
 - ERIC Documents from the ERIC Document Reproduction Service (EDRS)..... 313
 - Resources in Education (RIE) from the U.S. Government Printing Office (GPO)..... 315
 - ERICTAPES/ERICTOOLS (Magnetic Tapes and User Aids) From the ERIC Processing and Reference Facility..... 316
- Reproduction Release (Form for Submitting Documents to ERIC)..... 317
- ACCESS ERIC (ERIC's Outreach Arm)..... 319
- Major Vendors of ERIC Online Services and CD-ROM Products..... 320
- ERIC Network Components (Addresses and Telephone Numbers)..... Inside Back Cover

EDUCATIONAL RESOURCES



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Resources in Education (RIE) is processed for printing by ARC Professional Services Group, under contract with the U.S. Department of Education, Office of Educational Research and Improvement (OERI), and is published monthly by the U.S. Government Printing Office (GPO) with printing funds approved by the Office of Management and Budget. The contents of *RIE* do not necessarily reflect official OERI policy.

Subscriptions to *RIE* (12 issues/year), individual issues, and semi-annual indexes (January-June and July-December) are available from the Superintendent of Documents, U.S. Government Printing Office (GPO), Washington, D.C. 20402. Inquiries regarding prices should be directed to the Superintendent of Documents.

Selected Acronyms

CH	— Clearinghouse
CIJE	— <i>Current Index to Journals in Education</i>
Comp.	— Compiler
DHEW	— Department of Health, Education, and Welfare
Ed.	— Editor
ED	— Accession Number Prefix (ERIC Document)
	— Department of Education
EDRS	— ERIC Document Reproduction Service
EJ	— Accession Number Prefix (ERIC Journal Article)
ERIC	— Educational Resources Information Center
GPO	— Government Printing Office
MF	— Microfiche
NIE	— National Institute of Education
OE	— Office of Education
OERI	— Office of Educational Research and Improvement
PC	— Paper Copy
RIE	— <i>Resources in Education</i>
SN	— Scope Note
UF	— Used For

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(Continued on next card)

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AACR 2 MARC-S

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Resources in education ... (Card 2)

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Cumulative indexes published semiannually; 1980- one semiannual index issued for Jan.-June.

Continues: Research in education.

Supt. of Docs. no.: HE 19.210; ED 1.310:

GPO: Item 466-A

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AACR 2 MARC-S

Library of Congress

76t8805r83jrev2

Introduction

RESOURCES IN EDUCATION (RIE) — A monthly abstract journal announcing recent report literature related to the field of education, permitting the early identification and acquisition of reports of interest to the educational community.

Sponsor: Educational Resources Information Center (ERIC)
Office of Educational Research and Improvement (OERI)
U.S. Department of Education
Washington, D.C. 20208-5720

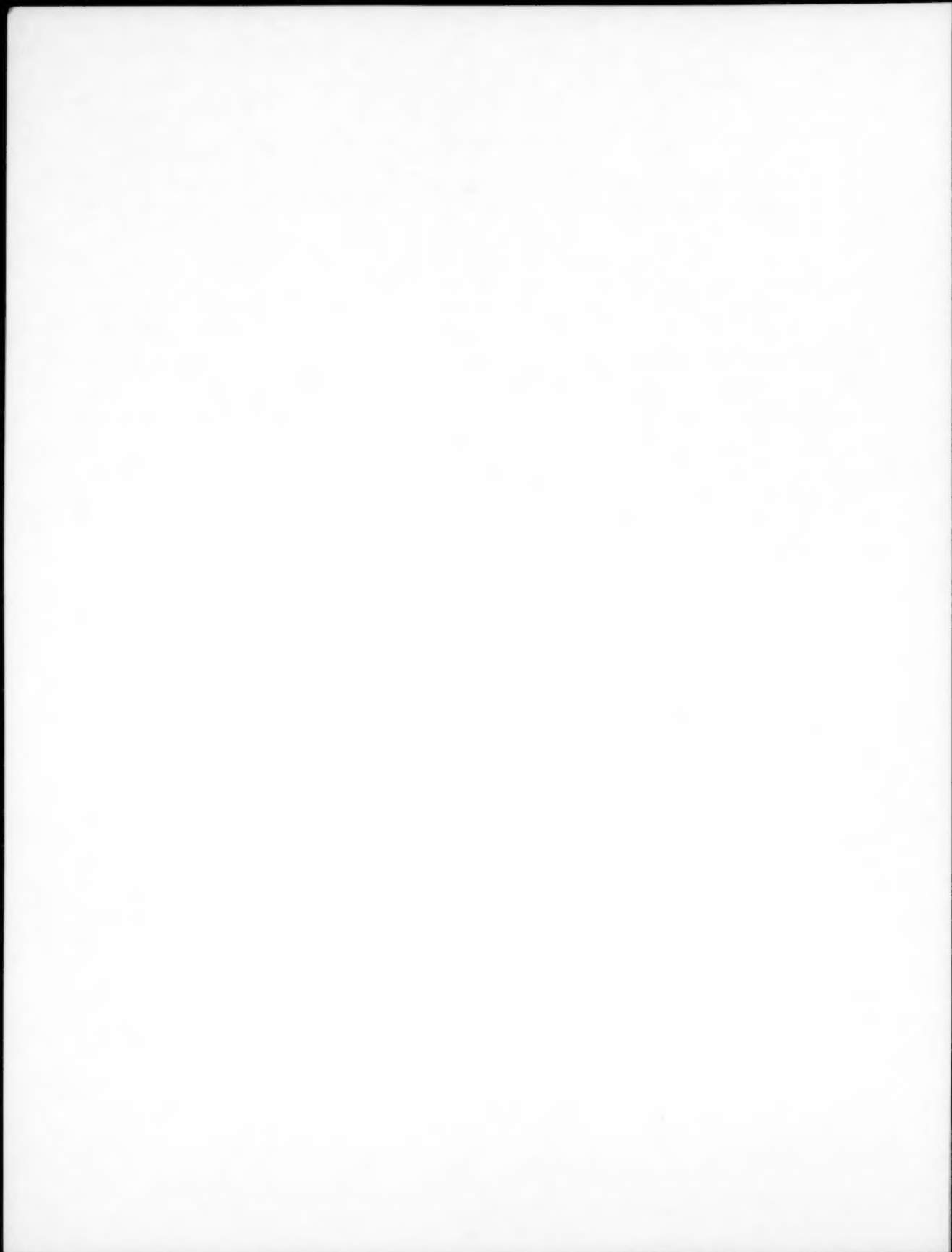
ERIC is a nationwide information network for acquiring, selecting, abstracting, indexing, storing, retrieving, and disseminating significant and timely education-related reports. It consists of a coordinating staff in Washington, D.C. and 16 clearinghouses located at universities or with professional organizations across the country. These clearinghouses, each responsible for a particular educational area, are an integral part of the ERIC system. The clearinghouses are listed on the inside back cover.

Organization of Journal: *Resources in Education* is made up of resumes and indexes. The resumes provide descriptions of each document and abstracts of their content. Resumes appear in a "Document Section" and are numbered sequentially by an accession number beginning with the prefix ED (ERIC Document). The indexes appear in an "Index Section" and provide access to the Resumes by Subject, Personal Author, Institution, and Publication Type.

Availability of Documents: The documents cited in *Resources in Education*, except as noted, are available from the ERIC Document Reproduction Service (EDRS), in both microfiche (MF) and paper copy (PC), or microfiche only. Availability in microfiche only may be determined by the source, for proprietary or copyright reasons, or by ERIC for reasons related to legibility and reproducibility. The price per document is based on the number of pages and is subject to change over time. An ERIC Price Code Schedule permits the user to convert all price codes to actual dollar amounts. Current price information for documents, microfiche, and subscriptions to microfiche collections is to be found in the section entitled "How to Order ERIC Documents" in the most recent issue of RIE.

How to Submit Documents to ERIC: If you have documents that you would like to have considered for announcement in *Resources in Education* (RIE), you should send clean, legible copies (in duplicate, if possible) to the ERIC Processing and Reference Facility, 2440 Research Boulevard, Rockville, MD 20850. A reproduction release, giving ERIC permission to reproduce in paper copy and microfiche (or microfiche only), and signed by the author or official representative of the source institution, is requested for all documents selected for inclusion in RIE. Standard reproduction release forms may be obtained from the ERIC Facility (a sample appears at the back of this issue of RIE).

How To Order RIE: The U.S. Government Printing Office (GPO) prints *RIE* and functions as subscription agent. Detailed subscription information appears on the page in the back of *RIE* entitled "How to Order *Resources in Education*."



ERIC Clearinghouse Publications

This page highlights publications announced in this issue of *Resources in Education* which were created by the ERIC Clearinghouses and which have been selected as having special significance for educators. For each brief citation appearing here, there is a full abstract appearing under the same ED number in the pages of the issues.

In addition to collecting the literature of education for announcement in *Resources in Education* and *Current Index to Journals in Education*, the ERIC Clearinghouses analyze and synthesize the literature in a number of different formats designed to compress the vast amount of information available and to meet the varying needs of ERIC users. These formats include research reviews, state-of-the-art studies, interpretive studies on topics of high current interest, research briefs, annotated bibliographies, and compilations. While some publications are comprehensive reviews designed for those who are interested in pursuing a subject in depth, others are brief analyses designed for the busy practitioner whose time for staying abreast of new developments in education is limited.

ERIC publications are published either by the ERIC Clearinghouses responsible for producing them or through cooperative arrangements with other organizations. Copies are usually available directly from the responsible Clearinghouse or from the source listed in the citation. In addition, the publications announced in *Resources in Education* are contained in all ERIC microfiche collections, and are available in paper copy and/or microfiche from the ERIC Document Reproduction Service (EDRS), 7420 Fullerton Road, Suite 110, Springfield, Virginia 22153-2852; Telephone: 1-800-443-ERIC (3742).

ED 327 736 CE 057 132
Nickse, Ruth S.

Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio; 91p.

EDRS Price - MF01/PC04 Plus Postage.

Alternate Availability—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN342: \$8.75).

ED 327 737 CE 057 133
Robertson-Smith, Mary

Articulation Models for Vocational Education. Information Series No. 343.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio; 42p.

EDRS Price - MF01/PC02 Plus Postage.

Alternate Availability—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN343: \$5.25).

ED 327 738 CE 057 134
McCaslin, N. L.

A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio; 37p.

EDRS Price - MF01/PC02 Plus Postage.

Alternate Availability—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN344: \$4.75).

ED 327 739 CE 057 135
Splet, Howard Stewart, Amy

Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio; 113p.

EDRS Price - MF01/PC05 Plus Postage.

Alternate Availability—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN345: \$10.50).

ED 327 879 CS 212 710
Sorenson, Sharon

Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest.

ERIC Clearinghouse on Reading and Communication Skills, Bloomington, IN; 3p.

EDRS Price - MF01/PC01 Plus Postage.

Alternate Availability—ERIC Clearinghouse on

Reading and Communication Skills, Indiana University, 2805 E. 10th St., Suite 150, Bloomington, IN 47408-2698.

ED 328 082 FL 019 051
Phillips, June K.

Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest.

ERIC Clearinghouse on Languages and Linguistics, Washington, D.C.; 3p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 083 FL 019 052
Curtain, Helena

Foreign Language Learning: An Early Start. ERIC Digest.

ERIC Clearinghouse on Languages and Linguistics, Washington, D.C.; 3p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 556 SP 032 924
Summerfield, Liane M.

Childhood Obesity. ERIC Digest.

ERIC Clearinghouse on Teacher Education, Washington, D.C.; 3p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 603 TM 016 134
Mullis, Ina V. S.

The National Assessment of Educational Progress (NAEP). ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 604 TM 016 135
Loxley, Bill

The International Association for the Evaluation of Educational Achievement. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 605 TM 016 136
Childs, Ruth Axman Rudner, Lawrence M.

State Testing of Teachers: The 1990 Report. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 606 TM 016 137
Chapman, Carmen

Authentic Writing Assessment. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measure-

ment, and Evaluation, Washington, DC; 4p.
EDRS Price - MF01/PC01 Plus Postage.

ED 328 607 TM 016 138
Dutcher, Peggy

Authentic Reading Assessment. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 608 TM 016 139
Macklem, Gayle L.

Measuring Aptitude. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 609 TM 016 140
Merz, William R., Sr. And Others

Neuropsychological Assessment in Schools. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 610 TM 016 141
Childs, Ruth Axman

Gender Bias and Fairness. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

ED 328 611 TM 016 142
Wiggins, Grant

The Case for Authentic Assessment. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC; 4p.

EDRS Price - MF01/PC01 Plus Postage.

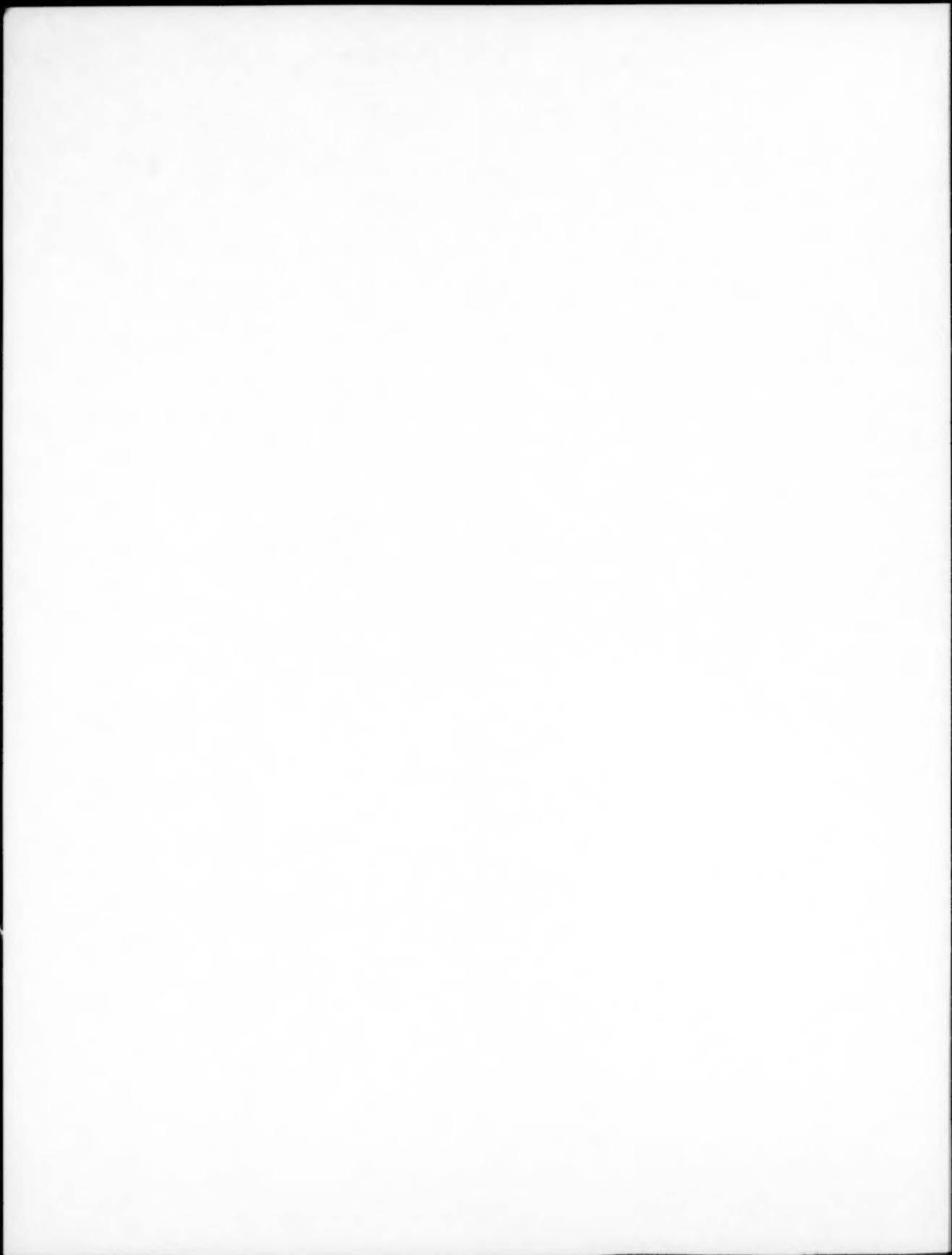
ED 328 644 UD 027 903
Bempechat, Janine Omori, Miya C.

Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68.

ERIC Clearinghouse on Urban Education, New York, N.Y.; 3p.

EDRS Price - MF01/PC01 Plus Postage.

Alternate Availability—ERIC Clearinghouse on Urban Education, Teachers College, Box 40, Columbia University, New York, NY 10027 (free).



DOCUMENT SECTION

SAMPLE DOCUMENT RESUME

ERIC Accession Number—identification number sequentially assigned to documents as they are processed.

Author(s).

Title.

Organization where document originated.

Date Published.

Contract or Grant Number.

Alternate source for obtaining document.

Language of Document—documents written entirely in English are not designated, although "English" is carried in their computerized records.

Publication Type—broad categories indicating the form or organization of the document, as contrasted to its subject matter. The category name is followed by the category code.

ERIC Document Reproduction Service (EDRS) Availability—"MF" means microfiche; "PC" means reproduced paper copy. When described as "Document Not Available from EDRS," alternate sources are cited above. Prices are subject to change; for latest price code schedule see section on "How to Order ERIC Documents," in the most recent issue of RIE.

Clearinghouse Accession Number.

Sponsoring Agency—agency responsible for initiating, funding, and managing the research project.

Report Number—assigned by originator.

Descriptive Note (pagination first).

Descriptors—subject terms found in the *Thesaurus of ERIC Descriptors* that characterize substantive content. Only the major terms, preceded by an asterisk, are printed in the subject index.

Identifiers—additional identifying terms not found in the *Thesaurus*. Only the major terms, preceded by an asterisk, are printed in the subject index.

Informative Abstract.

Abstractor's Initials.

ED 654 321

CE 123 456

Smith, John D. Johnson, Jane

Career Planning for Women.

Central Univ., Chicago, IL.

Spons Agency — Office of Educational Research and Improvement (ED), Washington, DC.

Report No. — CU-2081-S

Pub Date — May 83

Contract— NIE-C-83-0001

Note — 129p.; Paper presented at the National Conference on Career Education (3rd, Chicago, IL, May 15-17, 1983).

Available from—Campus Bookstore, 123 College Ave., Chicago, IL 60690 (\$3.25).

Language—English, French

Pub Type— Speeches/Meeting Papers (150)

EDRS Price—MF01/PC06 Plus Postage.

Descriptors — Career Guidance,* Career Planning, Careers, *Demand Occupations, *Employed Women, *Employment Opportunities, Females, Labor Force, Labor Market, *Labor Needs, Occupational Aspiration, Occupations

Identifiers — Consortium of States, *National Occupational Competency Testing Institute

Women's opportunities for employment will be directly related to their level of skill and experience and also to the labor market demands through the remainder of the decade. The number of workers needed for all major occupational categories is expected to increase by about one-fifth between 1980 and 1990, but the growth rate will vary by occupational group. Professional and technical workers are expected to have the highest predicted rate (39 percent), followed by service workers (35 percent), clerical workers (26 percent), sales workers (24 percent), craft workers and supervisors (20 percent), managers and administrators (15 percent), and operatives (11 percent). This publication contains a brief discussion and employment information concerning occupations for professional and technical workers, managers and administrators, skilled trades, sales workers, clerical workers, and service workers. In order for women to take advantage of increased labor market demands, employer attitudes toward working women need to change and women must: (1) receive better career planning and counseling, (2) change their career aspirations, and (3) fully utilize the sources of legal protection and assistance that are available to them. (SB)

The document resumes in this section are arranged in numerical order by ED number, and also alphanumerically by Clearinghouse prefix and Clearinghouse accession number.

As explained in the Introduction, each Clearinghouse focuses on a specific aspect of education. The reader who is interested in one of these major aspects (e.g., Reading) may, however, find pertinent resumes among the entries of virtually any Clearinghouse, dependent on the orientation of the document. For this reason, it is important to consult the Subject Index if a comprehensive search is desired.

The following is a list of Clearinghouse prefixes and names used in this Section, together with the page on which each Clearinghouse's entries begin:

	Page		Page
AA — ERIC Processing and Reference Facility	1	JC — Junior Colleges	106
CE — Adult, Career, and Vocational Education	1	PS — Elementary and Early Childhood Education	114
CG — Counseling and Personnel Services	19	RC — Rural Education and Small Schools	119
CS — Reading and Communication Skills	29	SE — Science, Mathematics, and Environmental Education	124
EA — Educational Management	45	SO — Social Studies/Social Science Education	134
EC — Handicapped and Gifted Children	56	SP — Teacher Education	141
FL — Languages and Linguistics	68	TM — Tests, Measurement, and Evaluation	147
HE — Higher Education	75	UD — Urban Education	159
IR — Information Resources	92		

AA

ED 327 632 AA 001 209
Resources in Education (RIE), Volume 26, Number 6.

ARC Professional Services Group, Rockville, MD. Information Systems Div.; Educational Resources Information Center (ED), Washington, DC; ERIC Processing and Reference Facility, Rockville, MD.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.
Pub Date—June 91

Available from—Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. On annual subscription, \$94.00 (Domestic), \$117.50 (Foreign).

Pub Type—Reference Materials - Bibliographies (131) — Collected Works - Serials (022)

EDRS Price - MF03 Plus Postage. PC Not Available from EDRS.

Descriptors—*Abstracts, Catalogs, Education, *Educational Resources, *Indexes, Resource Materials

Identifiers—*Resources in Education

Resources in Education (RIE) is a monthly abstract journal that announces (catalogs, indexes, abstracts) documents of interest to the educational community (including researchers, teachers, students, school board members, school administrators, counselors, etc.). Each issue announces approximately 1,100 documents and provides indexes by Subject, Personal Author, Institution, Publication Type, and ERIC Clearinghouse Number. This special Computer Output Microfiche (COM) edition is prepared directly from the ERIC magnetic tape database prior to publication of the printed journal and therefore is lacking the cover and other regular introductory and advertising matter contained in the printed journal. The COM edition contains only the first three of the five indexes in the printed edition. The first accession in each issue of RIE is the issue itself. In this way, the monthly microfiche collection for each issue is immediately preceded by a microfiche index to that collection. This practice began with the RIE issue for May 1979. (CRW/WTB)

CE

ED 327 633 CE 055 265
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee.

RIE JUN 1991

Department of National Health and Welfare, Ottawa (Ontario).

Report No.—ISBN-0-662-17369-4

Pub Date—89

Note—17p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Eating Habits, *Food Standards, Foreign Countries, *Health Promotion, *Nutrition, Nutrition Instruction, *Preventive Medicine, *Public Health, Well Being

Identifiers—*Canada

This report summarizes the latest edition of national guidelines that have been a cornerstone of nutrition policies and programs in Canada for almost 50 years. The guidelines for healthy eating are as follows: enjoy a variety of foods; emphasize cereals, breads, other grain products, vegetables, and fruits; choose low-fat dairy products, lean meats, and foods prepared with little or no fat; achieve and maintain a healthy body weight by enjoying regular physical activity and healthy eating; and limit salt, alcohol, and caffeine. The purpose of the review was to ensure up-to-date nutrition recommendations that will promote and maintain health and reduce the risk of nutrition-related diseases, such as obesity, heart disease, and cancer. A scientific review committee was responsible for reviewing recent evidence from a public health perspective. A communications and implementation committee was responsible for developing consumer advice and implementation strategies. The report indicates the actions that many sectors, including governments at all levels, professional and voluntary organizations, food and food service industries, and the consumer, can take to assist Canadians in making healthy food choices. (CML)

ED 327 634 CE 055 506
Workplace Literacy Partnerships Program. Final Performance Report.

New Jersey State Dept. of Education, Trenton. Div. of Adult Education.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC. Div. of Adult Education and Literacy.

Pub Date—90

Contract—V198A80186

Note—36p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Adult Basic Education, *Adult Literacy, Adult Programs, Business Responsibility, Economic Development, Educational Planning, Education Work Relationship, *Literacy Education, Outcomes of Education, *Program Effectiveness, Program Implementation, *School Business Relationship, State Programs, Statewide Planning

Identifiers—*New Jersey, *Workplace Literacy

The New Jersey Workplace Literacy Partnerships Program was conducted from February 1989 to May 1990. The project was funded by the New Jersey Department of Education, with a 30-percent cash match from District 65 of the United Auto Workers, the Standardbred Breeders and Owners Association, and the New Jersey Thoroughbred Horsemen's Benevolent Association. The project accomplished its original goals. In addition, each of the partners was satisfied with the program and willing to continue. Some of the accomplishments of the program were the following: (1) the project implemented six workplace education assistance centers that provide adult basic education and English-as-a-Second-Language instruction; (2) 1,514 employees from 34 companies were served; (3) customized workplace literacy programs were provided to more than 1,000 employees of specially targeted businesses where literacy needs were identified as barriers to productivity; and (4) a statewide process for planning and developing new workplace literacy programs was established. (Checklists and curriculum used in the project and statistical tables are included as appendixes to this report.) (KC)

ED 327 635 CE 056 274

Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

Missouri Univ., Columbia. Instructional Materials Lab.

Spons Agency—Missouri State Dept. of Elementary and Secondary Education, Jefferson City. Div. of Vocational and Adult Education.

Pub Date—June 90

Note—35p.

Available from—Instructional Materials Lab, University of Missouri, 2316 Industrial Drive, Columbia, MO 65202.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Air Conditioning, Air Conditioning Equipment, *Competence, Competency Based Education, *Course Content, Curriculum, *Instructional Materials, *Job Skills, Matrices, Postsecondary Education, *Refrigeration, Refrigeration Mechanics, Secondary Education, Vocational Education

Identifiers—*Missouri

This index was developed to help air conditioning and refrigeration instructors in Missouri use existing instructional materials and keep track of student progress on the VAMS system. The list was compiled by a committee of instructors who selected appropriate references and identified areas that pertained to Missouri competencies. The index lists

2 Document Resumes

competencies in these 11 areas: safety; basic refrigeration; tubing and connections; basic electricity; controls; domestic refrigeration; commercial refrigeration; residential/light commercial cooling/heating; diagnosing and problem solving; fundamentals of air conditioning; and customer sales and relations. Each competency is then listed in a matrix that identifies where it appears in one or more of the 15 texts selected to be used in the course. (KC)

ED 327 636 CE 056 277

Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

Missouri Univ., Columbia. Instructional Materials Lab.

Spons Agency—Missouri State Dept. of Elementary and Secondary Education, Jefferson City, Div. of Vocational and Adult Education.

Pub Date—Jun 90

Note—30p.

Available from—Instructional Materials Lab, University of Missouri, 2316 Industrial Drive, Columbia, MO 65202.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Competence, Competency Based Education, *Course Content, Curriculum, *Graphic Arts, *Instructional Materials, *Job Skills, Layout (Publications), Matrices, Paper (Material), *Photocomposition, Postsecondary Education, Secondary Education, Vocational Education

Identifiers—*Missouri

This index was developed to help graphic arts instructors in Missouri use existing instructional materials and keep track of student progress on the VAMS system. The list was compiled by a committee of instructors who selected appropriate references and identified areas that pertained to Missouri competencies. The index lists competencies in these 15 areas: processing job orders; preparing customer layouts; typesetting; producing camera-ready copy and mechanicals; exposing with a camera; processing film and printed material; contacting; performing image assembly operation; proofing; making plates; press operation; finishing operations; paper handling; packaging and preparing for mailing; and performing specialty operations. Each competency is then listed in a matrix that identifies where it appears in one or more of the six texts and one videotape set selected to be used in the course. (KC)

ED 327 637 CE 056 279

Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

Missouri Univ., Columbia. Instructional Materials Lab.

Spons Agency—Missouri State Dept. of Elementary and Secondary Education, Jefferson City, Div. of Vocational and Adult Education.

Pub Date—Jun 90

Note—24p.

Available from—Instructional Materials Lab, University of Missouri, 2316 Industrial Drive, Columbia, MO 65202.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Building Trades, *Competence, Competency Based Education, *Construction (Process), *Course Content, Curriculum, *Instructional Materials, *Job Skills, Matrices, Postsecondary Education, Secondary Education, Vocational Education

Identifiers—*Missouri

This index was developed to help building trades instructors in Missouri use existing instructional materials and keep track of student progress on the VAMS system. The list was compiled by a committee of instructors who selected appropriate references and identified areas that pertained to Missouri competencies. The index lists competencies in these 11 areas: basic skills; planning for construction; preparing the building site; building and installing forms; floor layout and framing; wall layout and framing; roof layout and framing; installing roofing components; installing exterior finishes; installing interior finishes; and assembling and constructing stairs. Each competency is then listed in a matrix that identifies where it appears in one or more of the six text references and one videotape set selected to

be used in the course. (KC)

ED 327 638 CE 056 315

Workforce Trends. An Assessment of the Future by Employment Security Agencies.

Interstate Conference of Employment Security Agencies, Inc., Washington, D.C.

Pub Date—90

Note—16p.

Pub Type—Reports - General (140)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adults, *Demography, *Employment Patterns, *Employment Projections, Employment Statistics, *Futures (of Society), *Labor Market, *Labor Needs, Public Policy, State Programs, Statewide Planning, Unemployment, Young Adults

This summary report presents an overall assessment of future work force trends, both nationally and regionally, to the year 2000. It is intended to serve as a basis for understanding the principal forces affecting labor supply and demand over the next decade, particularly at the state and regional level. Statistics are drawn from state bureaus of employment services and from the Occupational Information System. Some of the factors affecting the labor market addressed by the report are the following: demographics, technological advances, political restructuring, economic trends, sociological forces, educational changes, and environmental effects. The report also lists emerging state work force policy issues: health care benefits, child care, cost of living, employer-based education and training programs, crime, clean air, and other concerns. (KC)

ED 327 639 CE 056 507

Engel, Charles E. And Others

Continuing Education for Change. WHO Regional Publications, European Series, No. 28.

World Health Organization, Copenhagen (Denmark). Regional Office for Europe.

Report No.—ISBN-92-890-1119-X; ISSN-0378-2255

Pub Date—90

Note—104p.

Available from—World Health Organization Publications Center USA, 49 Sheridan Avenue, Albany, NY 12210.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Allied Health Occupations Education, *Allied Health Personnel, *Continuing Education, *Developed Nations, *Educational Change, Educational Needs, Foreign Countries, *Futures (of Society), Health Education, Postsecondary Education, *Primary Health Care, Professional Education

Identifiers—*Europe, *World Health Organization
This book presents an overview of the World Health Organization's implementation of continuing education for change in health care in Europe over the past 10 years. The report is organized in six sections. The introductory section asserts the need for change in health care and the rationale for providing continuing education for health care workers in order to effect such changes. Section 2 focuses on planning, implementing, evaluating, and organizing continuing education for change. In Section 3, the present state of continuing education in Europe is outlined, with emphasis on primary health care. It also examines the aims and methods of the country reports and case studies that follow in later sections. The fourth section suggests ways that continuing education can be more effective and more accountable in the future. Sections 5 and 6 present 19 country reports and 10 case studies of continuing education, especially in primary health care, in 1986-87 in European countries. Reasons for the studies are also examined. Appendices to the report include a list of the country and case study reports and background papers, a 61-item bibliography on continuing education, and a glossary. (KC)

ED 327 640 CE 056 538

Benson, Dennis K.

Survey of Ohio Employers. Job Training Partnership Program Year 1988.

Minnesota State Board of Teaching, St. Paul.

Spons Agency—Ohio State Bureau of Employment Services, Columbus.

Pub Date—Sep 90

Note—25p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Cost Effectiveness, *Employer Attitudes, Employment Programs, Fringe Benefits, *Grants, Postsecondary Education, Productivity, *Program Effectiveness, *Wages
Identifiers—*Job Training Partnership Act 1982, *Ohio

A survey of 491 Ohio employers of Job Training Partnership Act (JTPA) trainees conducted in November 1989 received 346 responses. Employers were queried on attitudes toward JTPA trainees, wage subsidies, employee productivity, wages paid, benefits given, and retention, among other questions. Employees who had completed JTPA programs and were working for these employers were also surveyed (386 of 551 responded). Despite problems in data collection and lack of congruence between employer and employee responses, some conclusions were reached: (1) employers' attitudes toward the importance of wage subsidies declined during the 3 years surveys had been conducted; (2) employers who paid higher wages and offered benefits were more likely to retain employees; (3) wage subsidies were helpful in encouraging employers to offer higher wages; (4) employers viewed productivity of JTPA program trainees and non-JTPA employees as about equal; and (5) the percentage of employers who say the benefits outweigh the costs of hiring dropped from 51 percent to 33 percent in the past 3 years. The study recommended that the employer survey be completely redesigned to gather information for planning and policy development. (KC)

ED 327 641 CE 056 546

Training for Work: What the U.S. Can Learn from Europe.

Education Writers Association, Washington, DC.

Spons Agency—German Marshall Fund of the United States, Washington, D.C.; William T. Grant Foundation, Washington, DC; Commission on Work, Family, and Citizenship.

Report No.—ISBN-0-94345-04-3

Pub Date—90

Note—53p.; Photographs will not reproduce well. Available from—Education Writers Association, 1001 Connecticut Avenue, NW, Suite 310, Washington, DC 20036 (1-9 copies: \$5.00 each; 10-24: \$4.50; over 24: \$4.00; plus \$2.00 postage and handling).

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Programs, *Apprenticeships, Comparative Education, Developed Nations, Educational Policy, *Education Work Relationship, Foreign Countries, *Job Training, *Labor Force Development, Postsecondary Education, *Retraining, Secondary Education, *Unemployment, Vocational Education, Youth Programs
Identifiers—England, *Europe (West), Sweden, West Germany

Six observers studied both school-to-work transition programs for youth and retraining programs for adult workers in three Western European countries—West Germany, Sweden, and England. They identified European solutions to a pressing problem in the United States: youth and adult workers whose skills are inadequate for today's and tomorrow's jobs. The education policies of Germany and Sweden reflect the reality that not all children go on to college. A viable alternative is offered through the dual system, in which a student receives a certificate for completing an apprenticeship program. Sweden's system requires schools to provide students with work-related experiences. In contrast, England finds it difficult to correct the shortcomings of a system that historically reserved education after age 16 for the academic elite. A national curriculum has been implemented in an attempt to upgrade schooling. Emphasis in all three countries is placed on development of skills of the next generation, concern about the livelihood of the employed, and commitment of employers, labor, and government to deal with change. (Part II of this report is a clipping file with 28 pages of stories about the European experience from newspapers and other publications. Articles also address U.S. failures and successes using techniques borrowed from these countries as well as its own. Lists of reporters, sources, and reports are appended.) (YLB)

ED 327 642 CE 056 564

Brady, Elaine M. Balf, Kevin

JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Ser-

vice Agencies. Executive Summary and Recommendations.
National Alliance of Business, Inc., Washington, D.C.

Spons Agency—Department of Labor, Washington, D.C.; National Commission for Employment Policy (DOL), Washington, D.C.; Ohio State Univ., Columbus. National Center for Research in Vocational Education.

Report No.—ISBN-0-88713-610-9

Pub Date—87

Note—35p.

Available from—National Alliance of Business, 1201 New York Avenue, NW, Suite 700, Washington, DC 20005 (\$8.00).

Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Agency Cooperation, Cooperative Programs, Economic Development, *Employment Programs, Employment Services, Federal Programs, Postsecondary Education, *Program Improvement, *Public Agencies, State Programs, *Statewide Planning, Vocational Education, Welfare Agencies

Identifiers—*Job Training Partnership Act 1982.

A study examined local and state-level collaboration between the Job Training Partnership System (JTPA) and four other programs: the Employment Service, vocational education, welfare, and economic development. Methods included telephone interviews with 46 state managing agencies for JTPA, 205 service delivery area administrators, and 209 Private Industry Council chairpersons. The study showed that everybody believes in collaboration and acknowledges it is necessary, but many policymakers have been unsuccessful in promoting policies that favor it; likewise, administrators admit that collaborating with other programs has been an elusive goal. The study found that some barriers could be removed and some inducements made to encourage collaboration. Recommendations include the following: (1) the state must set clear and coherent employment policy aimed at increasing the number of jobs in the state and preparing its citizens for them; (2) a single state council should be used to develop policy across a broad range of human services; (3) state policy should require joint planning among human resources agencies at the local level; (4) the state Employment Service and the state JTPA should allow credit for job placement to be shared among agencies; and (5) the vocational education system must develop programs that better meet the needs of nontraditional students. (KC)

ED 327 643

CE 056 618

Lewe, Glenda

The Need for Workplace Literacy Partnerships.

Pub Date—Oct 90

Note—17p.; For a related document, see ED 327 368.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Basic Education, Adult Literacy, Cooperative Programs, Educational Needs, *Education Work Relationship, Institutional Cooperation, *Literacy Education, *Program Development, *School Business Relationship

Identifiers—Canada, Partnerships in Education, *Workplace Literacy

The need for workplace skills upgrading has never been more acute. In Canada, many awareness-building initiatives for literacy have been started. The most successful efforts will probably be those based on a partnership model that links companies and unions with educators who understand adult learning styles. Before a workplace literacy program can be established, however, a number of barriers must be overcome. These barriers include perceptions of employers and educators, the issue of control, access to the most useful resource persons, and time and cost. As part of the process of setting up a workplace literacy program, those involved must assess possible educational resources and draw up a formal or informal partnership agreement. Setting up a workplace literacy partnership could involve these steps: (1) conducting an organizational needs assessment; (2) conducting a literacy task analysis; (3) individual assessment; (4) designing the program; (5) developing the curriculum; (6) implementing the program; and (7) assessing the success of the program through its effects on workers. Business-/union/education partnerships may hold the key to providing the educated work force needed in the 1990s and beyond. (KC)

ED 327 644

CE 056 622

Ramey, Pamela

Vocies and Preppies. The Winner in Written Communication Skills Is...

Spons Agency—Ohio Business Teachers Foundation.

Pub Date—90

Note—38p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, *Academic Education, Basic Skills, *Business Education, College Preparation, *Communication Skills, *General Education, High Schools, High School Seniors, *Outcomes of Education, Socioeconomic Background, Student Characteristics, Vocational Education

Identifiers—Ohio

A study was conducted to: (1) determine if differences exist in socioeconomic background, academic ability, and curriculum with regard to basic communication skills achievement of high school seniors; and (2) gather baseline information about the level of achievement expected of seniors. The study compared basic communication skills scores obtained on the Comprehensive Test of Basic Skills (CTBS) by high school seniors enrolled in the vocational business education, college preparatory, and general education curricula, while considering attribute variables of socioeconomic background, academic ability, and gender. A sample of 90 Ohio public school classes (1,182 students) was used. Comparison groups were formed by randomized matching. Three instruments were employed in this study: (1) CTBS, yielding language mechanics and language expression scores as well as a combined score for language achievement; (2) the Test of Cognitive Skills (TCS), an improved measure of the skills important to success in the school setting and considered an ability test; and (3) a short questionnaire used to evaluate socioeconomic background. The study found that college preparatory students scored highest on the communication skills test, vocational business students ranked second, and general education students scored lowest. Females consistently outperformed males for all curricular groups. The study also found that somewhat less academically able students chose the vocational business curriculum. Controlling for academic ability, vocational business students performed better for their ability level than college preparatory students did for their academic ability. The measure of socioeconomic background did not support the research and could not be used. However, the study concluded that the actual scores of the academic and vocational students did not differ significantly enough to make a practical difference. (30 references) (KC)

ED 327 645

CE 056 624

Review of Evaluation Procedures Used in Project POWER.

Ohio State Univ., Columbus. Center on Education and Training for Employment.

Spons Agency—Triton Coll., River Grove, Ill.

Pub Date—Mar 90

Note—24p.; For a related document, see ED 324 458.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adult Basic Education, *Adult Literacy, *English (Second Language), *Evaluation Methods, Literacy Education, *Outcomes of Education, Program Effectiveness, Program Evaluation, Program Implementation, Program Improvement

Identifiers—Literacy Audits, *Triton College IL, *Workplace Literacy

Project POWER is a workplace literacy program conducted by Triton College. The project offers courses in English as a Second Language (ESL) and Adult Basic Education (ABE) to employers who are willing to pay their employees for half their class time and for 15 percent of the instructional costs. By the end of January 1990, the project had conducted 53 courses for 11 employers, enrolling 465 employees. Recommended practices were followed in planning and conducting the courses, including conducting a literacy skill audit for each company and incorporating company-specific materials in instruction. Students completed evaluation questionnaires at the end of each course and most of their responses were positive. Pre- and post-testing were conducted for almost all courses. The average gain for ESL students was half a grade level. The ABE

students improved an average two-thirds to 1.5 grade equivalent. These gains are consistent with the 48 hours of instruction provided. The evaluation showed that, overall, the project achieved its objectives. However, the "literacy skills profile" that was specified was not created, and it could not be determined whether the objective to increase performance to levels established in the profile was achieved. (ESL and literacy assessment summaries and evaluation forms are appended.) (KC)

ED 327 646

CE 056 649

Duenk, Lester G.

The Role of the University in Trade and Industrial Education Credentialing.

Pub Date—Dec 90

Note—19p.; Paper presented at the American Vocational Association Convention (Cincinnati, OH, December 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Programs, Colleges, Degrees (Academic), *Educational Background, Higher Education, Majors (Students), *Teacher Certification, *Teacher Characteristics, *Teacher Education, *Trade and Industrial Education, Trade and Industrial Teachers, Universities

A descriptive study gathered information on the collegiate backgrounds of degree trade and industrial (T&I) education teachers. Questionnaires were sent to all department chairpersons listed in "Industrial Teacher Education Directory," except to those who offered only industrial arts, industrial arts education, or technology education degrees. Of 230 questionnaires mailed, 185 (80 percent) were returned. Respondents indicated all industrial education degree titles offered at their institutions. Of the 110 institutions that offered degree T&I teacher certification, 35 indicated that they offered degrees in T&I education, trade(s) and industry, and vocational industrial education. The other institutions qualified T&I teachers under 21 different degree designations. Respondents indicated 24 different degree designations for graduates eligible for secondary T&I teaching certificates. The survey showed the following numbers of T&I qualified teaching graduates in 1990: baccalaureate-751; masters-450; specialist-48; and doctorate-81. Respondents reported that 4,510 teachers took courses for T&I certification. They also reported 2,292 teaching graduates and 8,732 nonteaching graduates, a ratio of 3.81 to 1. The recommendation was made that universities with industrial technology or industrial management programs should consider organizing an education program which includes a T&I option. (Three tables are appended.) (YL8)

ED 327 647

CE 056 650

Duenk, Lester G.

The Current Status of T&I Teacher Education in the United States.

Pub Date—Dec 90

Note—18p.; Paper presented at the American Vocational Association Convention (Cincinnati, OH, December 1990).

Pub Type—Speeches/Meeting Papers (150) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Quality, Educational Research, *Excellence in Education, Higher Education, *Institutional Characteristics, Internship Programs, Program Content, Sex Fairness, *Standards, *Teacher Education, Teacher Educators, Teacher Interns, *Teacher Qualifications, *Trade and Industrial Education, Trade and Industrial Teachers

A study compared actual practice in trade and industrial (T&I) degree granting institutions with standards delineated in Section 2, Standards for Trade and Industrial Education Teacher Education Programs of "Standards of Excellence in T&I Education" published by the U.S. Department of Education in 1985. Mailed questionnaires collected data from all chairpersons of T&I, trade and industry, and vocational industrial education programs listed in "Industrial Teacher Education Directory." Data from questionnaires submitted by 30 respondents were assembled in 5 tables that represented the five phases of the study: institutional characteristics; qualifications of T&I teacher educators; internship/inservice; program competencies; and sex equity. Highest and lowest ratings and percentiles were determined for each characteristic in the five categories. Findings indicated that: (1) the greatest deficiencies in the instructional characteristics area were in the functioning and composition of T&I

4 Document Resumes

program advisory committees; (2) 7 out of 28 institutions employed T&I teacher educators who did not meet existing state requirements for T&I teaching certificates; (3) program competencies measured very well with the standards recommendations; and (4) sex equity areas were in need of improvement. Six tables and the instrument are appended. (YLB)

ED 327 648 CE 056 651

Bhola, H. S.
Adult Literacy for Development: The Logic and Structure of Economic Motivations.

Pub Date—Nov 90

Note—12p; Paper presented at a Seminar on Adult Literacy for Development (New Delhi, India, November 20-22, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Basic Education, *Adult Literacy, *Developing Nations, *Economic Development, Educational Philosophy, *Foreign Countries, *Literacy Education, *Motivation

Identifiers—*China, India

This paper addresses the logic and the structure of economic motivations for adult literacy promotion. It uses as an example the People's Republic of China to demonstrate how economic motivations can best serve the cause of adult literacy and suggests applying these concepts to India. The paper is organized in three parts. In the first part, the general nature of human motivations and the process of building and sustaining motivations is discussed. This discussion is followed by an analysis of the logic and structure of using economic motivations in adult literacy for development. In the second part, the national effort to use economic motivations in literacy and development in China is described, and the effectiveness of this ongoing effort is evaluated. In the third part, the possibilities of applying economic motivations for literacy promotion in India are suggested. (KC)

ED 327 649 CE 056 652

Bhola, H. S.
The Essential Theory of Literacy and Its Implications for Programming and Evaluation.

Pub Date—20 Dec 90

Note—10p; Paper presented at a Seminar for the Swedish International Development Authority (Stockholm, Sweden, December 20, 1990).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Basic Education, *Adult Literacy, Decoding (Reading), Developing Nations, Economic Development, Educational Improvement, *Educational Needs, Educational Policy, *Educational Theories, *Evaluation Criteria, Foreign Countries, Justice, *Literacy Education, *Semiotics

Anecdotal evidence from literacy educators sometimes suggests that many people can do well despite being illiterate; however, this perspective ignores the essential theory of literacy. This theory rests on the premise that the most essential difference between human beings and other creatures is the human ability to make "symbolic transformations." Today the capacity to deal with symbolic transformations (writing) is almost universal. Literacy then can be justified in terms of its essential nature. So construed, literacy is self-justified: literacy for the sake of literacy, as a fulfillment of the human biosocial destiny, and therefore, as a human right. Literacy is "potential added" to newly literate people. The essential theory of literacy is linked with the concept of "symbolic capital." This refers to the body of knowledge made possible by literacy that can be owned by individuals, groups, and cultures. An equitable distribution of societal knowledge capital is part of the distributive justice and of the moral social order being sought today. Implications of this theory are that: (1) literacy should be promoted as an essential human right; (2) programs of "literacy advocacy" should precede programs of "literacy teaching"; and (3) evaluation of the effects of literacy in the informal economy and evaluation of customer satisfaction are important. (KC)

ED 327 650 CE 056 653

Bhola, H. S.
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons.

Pub Date—19 Oct 90

Note—17p; Paper presented at the International

Literacy Year Colloquium: Literacy—The Foundation for Development, organized by the Summer Institute of Linguistics and ERIC/Center for Applied Linguistics (Washington, DC, October 19, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Basic Education, *Adult Literacy, Developing Nations, Educational Needs, *Educational Philosophy, *Educational Practices, Foreign Countries, *Literacy Education, Minority Groups, Modernization, *Program Implementation, Rural Education, Social Change, Womens Education

Identifiers—*China

Accounts differ as to the state of adult literacy education in China. One scholar says that programs are contracting severely, whereas Chinese officials contend that programs are operating with more students and more efficiency. A true picture of literacy education in China depends on research and statistics that are being gathered. The overall tone of this emerging picture is optimistic. China today is conducting the world's largest and most promising experiment in using adult education for social change. However, some problems surface; for example, national aspirations for literacy promotion are now focusing only on the age group 15-40 and thereby making the illiteracy problem shrink to one-third its size. Lessons that can be learned from the Chinese experience include the following: (1) political commitment to social reform and adult education is necessary; (2) it is possible to bring development to rural areas concurrently with urban areas; (3) policy should be disseminated among the people by catchy slogans and phrases; (4) adult education should be institutionalized; (5) culture is likely to be neglected in societies in which economic deprivations are most acutely felt; and (6) special efforts are needed to bring literacy education to women and minorities. (KC)

ED 327 651 CE 056 654

Groff, Warren H.
High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future."

Pub Date—[91]

Note—41p.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Education, Access to Education, Curriculum Development, Disadvantaged Youth, *Educational Improvement, *Educational Needs, *Educational Trends, Elementary Secondary Education, *Futures (of Society), Information Systems, *Institutional Cooperation, *Integrated Curriculum, Postsecondary Education, Rural Education, Special Needs Students, Urban Education, Vocational Education

The most important issue of the 1990s is developing visionary leaders who can transform industrial establishments into "learning communities of the future." Educational reform in the 1950s focused on mathematics and science, and the education reform movements of the early 1980s broadened the spectrum across the curriculum at all levels and for all areas of planning and policymaking. The education reform of the late 1980s differs from earlier efforts in that fundamental restructuring projects are in the early stages of evolution. Critical in future restructuring will be what happens in at least three areas: (1) linking academic and vocational tracks and university parallel and technical programs; (2) linking library and information services, which tend to be separate functions, and positioning them to enhance mission priorities and restructuring; and (3) linking vocational tracks in schools and technical programs in colleges and institutes with other establishments. Especially critical is the restructuring of vocational, technical, and occupational education, particularly for culturally diverse and special needs populations and in inner-city and rural areas. Access for all potential learners to academic and vocational-technical occupational programs of high quality is essential for improved quality of life and national competitiveness. During the 1990s, the United States must develop the infrastructure to invent human resource development systems that can evolve into learning communities of the future for all people. (Author/KC)

ED 327 652 CE 056 655

Education for Tomorrow's Workforce. Hearing

before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).

Congress of the U.S., Washington, DC. House Committee on Small Business.

Pub Date—8 Jun 90

Note—119p; Appended materials present various

legibility problems.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090) — Opinion Papers (120)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Community Programs, Educational Improvement, Educational Needs, Educational Trends, Education Work Relationship, *Employer Attitudes, *Employment Potential, Federal Programs, *Futures (of Society), Hearings, *Job Skills, *Job Training, *Labor Force Development, Postsecondary Education, Secondary Education, State Programs

Identifiers—Carl D Perkins Vocational Education Act 1984, Congress 101st, Nevada

This document records the oral and written testimony of several small business owners and a Nevada Department of Education official at a Congressional hearing about education and today's work force. The business owners' testimony indicated the difficulty they have finding workers who can read, write, and think, and who are willing to be trained. It was also suggested that most of their workers lack a work ethic and that schools should spend more time educating students to find and keep a job and to get along in the real world. The educator's testimony noted the difficulties schools face in having a teacher-student ratio that is small enough to allow supervised work programs, as well as the problems teachers face with students who come from poorly functioning homes and uncaring parents. Comments from Congressional representatives noted that the federal government wants to help educate and train workers and indicated that the Carl D. Perkins Vocational Education Act contains provisions that could help, but schools and businesses do not always know how they can use the programs provided. Examples of Nevada programs helping to educate students and workers for jobs were presented. Appendixes contain various opening and prepared statements and other materials submitted for the record. (KC)

ED 327 653 CE 056 656

Gold, Gerard G.
Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide.

National Inst. for Work and Learning, Washington, D.C.

Spons Agency—Maryland State Dept. of Education, Baltimore. Div. of Instruction.

Report No.—ISBN-0-86510-058-6

Pub Date—[88]

Note—56p.

Pub Type—Guides — Classroom — Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Basic Education, Adult Education, *Adult Literacy, Adult Programs, Agency Cooperation, Business Responsibility, *Community Cooperation, Community Organizations, *Corporate Support, Course Descriptions, *Illiteracy, Learning Activities, *Literacy Education, State Programs, Statewide Planning, *Training, Workshops

This training guide provides materials for a workshop for professionals in the adult literacy field. Broad purposes of the workshop are to improve adult literacy services in order to reduce illiteracy and to develop collaborative strategies involving employers at the community level in adult literacy activities. A content outline is accompanied by left-hand margin trainer suggestions. Worksheets are provided as necessary. Topics include current adult literacy problems, challenges, and progress in the community; help needed and help available; a review of the two purposes of the workshop; and community collaboration competencies overview. These six competencies are considered: inventory influential employers and other community organizations; enhance collaborative potential of employers and other community organizations; be persuasive in developing collaborative adult literacy activities; prepare adult literacy action priorities; fa-

collaborate and implement collaborative adult literacy activities; and monitor, assess, and improve the quality of local collaboration for adult literacy. The final activity of the workshop is a summary of what was learned and its usefulness. (YLB)

ED 327 654 CE 056 661

Off Welfare, Into Work.
Business Council for Effective Literacy, New York, NY.

Pub Date—Jan 91

Note—4p.

Journal Cit—BCEL Newsletter for the Business and Literacy Communities; n26 p1,6-7 Jan 1991
Pub Type—Journal Articles (080)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Vocational Education, Community Organizations, *Demonstration Programs, Displaced Homemakers, Economically Disadvantaged, Employment Programs, *Fatherless Family, *Job Training, Low Income Groups, Minority Groups, *Mothers, One Parent Family, Postsecondary Education, *Program Effectiveness, Program Evaluation, *Welfare Recipients, Womens Education

Identifiers—Family Support Act 1988, Job Opportunities and Basic Skills Program, Minority Female Single Parent Demonstration Proj, Rockefeller Foundation

Concerned with the increasing feminization of poverty, the Rockefeller Foundation launched in 1982 a \$12 million welfare-to-work research and demonstration project, presently midway into a 5-year evaluation. The Minority Female Single Parent Demonstration project involved four community-based organizations: Atlanta Urban League (Georgia); Opportunities Industrialization Center of Providence, Rhode Island; Wider Opportunities for Women, District of Columbia; and Center for Employment Training (CET), San Jose, California. Although the first three projects produced discouraging results, CET had dramatic results. Findings were the result of random assignment testing. The most rigorous technique known for measuring the effect of a specific program. After spending less than 1 year in the program, more participants got jobs, better jobs, and substantially higher wages than participants in the other programs, and they did better than a CET control group. CET's success was based on the immediacy of its job training, fitting in needed basic skills instruction. Analysis indicated that CET's program differed from the others by the form in which the training was delivered. Key successful features were: no tests; no waiting (open entry and open exit); integrated instruction; ties to the labor market; child care; and one-stop, comprehensive services. (YLB)

ED 327 655 CE 056 665

Murray, Steve

Exploring Technology Education. Second Edition.

Teacher Guide.

Mid-America Vocational Curriculum Consortium,

Stillwater, Okla.

Pub Date—91

Note—736p.

Available from—Mid-America Vocational Curriculum Consortium, 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 303301: \$38.50).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF04 Plus Postage. PC Not Available from EDRS.

Descriptors—Behavioral Objectives, *Communications, *Construction (Process), Energy Conservation, Intermediate Grades, Junior High Schools, Learning Activities, Lesson Plans, *Manufacturing, Middle Schools, *Power Technology, *Science and Society, Teaching Methods, Technological Advancement, *Technological Literacy, Technology, Test Items, Transportation, Units of Study

Identifiers—*Technology Education

This color-coded guide was developed to help teachers provide middle school and junior high students with an activity-oriented approach to learning and thinking about technology. Through the instruction and the activities, students are shown how the different systems interrelate, how they influence everyday life, and how they combine in a technological society. The guide contains 19 units, each of which includes some or all of the following basic components: objectives, suggested activities for the teacher, transparency masters, information sheets, assignment sheets, assignment sheet answers, laboratory activity sheets, written test, and answers to

written test. Units cover the following topics: overview of technology; people, technology, and the environment; introduction to communication; designing, producing, transmitting, and evaluating messages; introduction to construction; designing, planning, building, and finishing a structure; introduction to manufacturing; manufacturing systems, materials, processes, planning, and production; introduction to energy; energy conversion and measurement; power transmission, control, and storage; and transportation system. (KC)

ED 327 656 CE 056 666

Hehn, Darold Newport, Bob

Introduction to Natural Resources. Teacher Edition.

Stillwater, Okla.

Mid-America Vocational Curriculum Consortium,

Stillwater, Okla.

Pub Date—91

Note—425p.

Available from—Mid-America Vocational Curriculum Consortium, 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 302101: \$26.50).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Alternative Energy Sources, Behavioral Objectives, *Conservation (Environment), *Conservation Education, Energy Conservation, *Environmental Education, Forestry, Learning Activities, Lesson Plans, *Natural Resources, Outdoor Activities, Parks, Physical Environment, Postsecondary Education, Secondary Education, Teaching Methods, Test Items, Units of Study, Water Resources, *Wildlife, Wildlife Management

This color-coded teacher's guide contains curriculum materials designed to help students develop an awareness of renewable and nonrenewable natural resources and to identify occupations in the area of natural resources. The guide contains nine units, each of which includes some or all of the following basic components: objective sheet, suggested activities for the teacher, instructor supplements, transparency masters, information sheet, assignment sheets, assignment sheet answers, job sheets, practical tests, written test, and answers to written test. Units cover the following topics: introduction to natural resources and conservation; water resource management; land management; air resource management; wildlife management; wildlife habitats; outdoor recreation; forestry; and energy resources. All of the units focus on measurable and observable learning outcomes. They are designed for use in more than one lesson or class period of instruction. (KC)

ED 327 657 CE 056 667

Walker, Susan S.

Aquaculture. Teacher Edition.

Mid-America Vocational Curriculum Consortium,

Stillwater, Okla.

Pub Date—90

Note—876p.

Available from—Mid-America Vocational Curriculum Consortium, 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. CN601501: \$38.50).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF06 Plus Postage. PC Not Available from EDRS.

Descriptors—*Agricultural Production, Behavioral Objectives, Business Administration, *Equipment, *Fisheries, Learning Activities, Lesson Plans, Marine Biology, Postsecondary Education, Secondary Education, Teaching Methods, Test Items, Units of Study, *Water Quality

Identifiers—*Aquaculture

This color-coded guide was developed to assist teachers in helping interested students plan, build, stock, and run aquaculture facilities of varied sizes. The guide contains 15 instructional units, each of which includes some or all of the following basic components: objective sheet, suggested activities for the teacher, instructor supplements, transparency masters, information sheet, assignment sheets, assignment sheet answers, job sheets, practical tests, written test, and answers to written test. Units cover the following topics: introduction to aquaculture; the aquatic environment; fundamental fish biology; marketing; site selection; facility design and layout; water quality management; fish health management; commercial catfish production; commercial trout production; commercial bass production; commercial crayfish production; other commercial species; harvesting and hauling; and business man-

agement. All of the units focus on measurable and observable learning outcomes. They are designed for use in more than one lesson or class period of instruction. (KC)

ED 327 658 CE 056 668

Reby, Ellen

Basics of Desktop Publishing. Teacher Edition.

Mid-America Vocational Curriculum Consortium,

Stillwater, Okla.

Pub Date—91

Note—331p.

Available from—Mid-America Vocational Curriculum Consortium, 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 601601: \$23.50).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Behavioral Objectives, *Computer Oriented Programs, *Computer Software, *Desktop Publishing, Electronic Publishing, *Layout (Publications), Learning Activities, Lesson Plans, Microcomputers, Postsecondary Education, Printing, Publications, Secondary Education, Teaching Methods, Test Items, Units of Study

This color-coded teacher's guide contains curriculum materials designed to give students an awareness of various desktop publishing techniques before they determine their computer hardware and software needs. The guide contains six units, each of which includes some or all of the following basic components: objective sheet, suggested activities for the teacher, instructor supplements, transparency masters, information sheet, assignment sheets, assignment sheet answers, job sheets, practical tests, written test, and answers to written test. Units cover the following topics: introduction to desktop publishing; desktop publishing systems; software; type selection; document design; and layout. All of the units focus on measurable and observable learning outcomes. They are designed for use in more than one lesson or class period of instruction. (KC)

ED 327 659 CE 056 669

Stephenson, David Fulkerson, Dan, Ed.

Residential and Light Commercial HVAC. Teacher Edition.

Mid-America Vocational Curriculum Consortium,

Stillwater, Okla.

Pub Date—91

Note—928p.

Available from—Mid-America Vocational Curriculum Consortium, Inc., 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. CN601701: \$41.50).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF06 Plus Postage. PC Not Available from EDRS.

Descriptors—*Air Conditioning, Air Conditioning Equipment, Behavioral Objectives, Buildings, Competency Based Education, Course Descriptions, Curriculum Guides, Fuel Consumption, Fuels, *Heating, Housing, Industrial Arts, Learning Activities, Postsecondary Education, Secondary Education, *Trade and Industrial Education, Units of Study, Utilities, *Ventilation

This curriculum guide contains 18 units of instruction for a competency-based course in residential and light commercial heating, ventilating, and air conditioning (HVAC). Introductory materials include a competency profile and an instructional task analysis that correlates job training with related information for this course. Each instructional unit includes some or all of these basic components: performance objectives; suggested activities for teachers and students; information sheets; assignment sheets; job sheets; visual aids; tests; and answer keys. Units are planned for more than one lesson or class period. A list of tools, equipment, and materials and an alphabetical list of 38 references are provided. Unit topics include: psychometrics for residential HVAC; residential load calculations; residential duct design and sizing; residential air treatment; psychometrics for light commercial HVAC; load calculations for light commercial HVAC; light commercial system design; light commercial air treatment; standard gas-fired furnaces; high-efficiency gas-fired furnaces; oil-fired furnaces; electrical heating systems; cooling systems; heat pump systems; balance points; introduction to hydronics; customer relations; and service operations. (YLB)

ED 327 660 CE 056 670

Buck, Sue And Others

Exploring Aeronautics and Space Technology.

Teacher Edition.
Mid-America Vocational Curriculum Consortium,
Stillwater, Okla.
Pub Date—91
Note—435p.

Available from—Mid-America Vocational Curriculum Consortium, Inc., 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 900101: \$26.00).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Aerospace Education, *Aerospace Technology, Air Transportation, Behavioral Objectives, Career Education, *Communications Satellites, Course Descriptions, Curriculum Guides, Learning Activities, Postsecondary Education, Secondary Education, Space Exploration, Space Sciences, Tests, Units of Study
Identifiers—Technology Education

This curriculum guide contains six units of instruction for an introduction to the technology systems in the National Aeronautics and Space Administration (NASA). Designed to be used either as a stand-alone publication or to be infused into the instruction and activities of an existing technology education program, this publication describes the interrelationship of the various technology systems in NASA. Introductory materials include a tools, materials, and equipment list; a list of 20 references; an instructional/task analysis that correlates related information with job training; and information on resources for teachers. Each instructional unit includes some or all of the following basic components: objective sheet; suggested activities for the teacher; teacher supplements; transparency masters; information sheet; assignment sheets; assignment sheet answers; lab activity sheets; written test; and test answers. Units are designed for use in more than one lesson or class period. Unit topics include introduction to the careers in the aviation and space industry; satellite communication systems; composite materials in aircraft manufacturing; space-station construction techniques; space-shuttle propulsion systems; and aerostatics and aerodynamics. (YLB)

ED 327 661 CE 506 671

Feasley, Sue C., Ed.
Graphic Arts: The Press and Finishing Processes.

Teacher Guide.
Mid-America Vocational Curriculum Consortium,
Stillwater, Okla.

Pub Date—91
Note—416p.; For related documents, see CE 506 672-673.

Available from—Mid-America Vocational Curriculum Consortium, Inc., 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 802101: \$26.00).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Behavioral Objectives, Competency Based Education, Course Descriptions, Curriculum Guides, *Equipment Maintenance, Finishing, Graphic Arts, Learning Activities, Paper (Material), Postsecondary Education, *Printing, *Production Techniques, Secondary Education, *Troubleshooting, Units of Study

This curriculum guide is the third in a three-volume series of instructional materials for competency-based graphic arts instruction. Each publication is designed to include the technical content and tasks necessary for a student to be employed in an entry-level graphic arts occupation. Introductory materials include an instructional/task analysis that correlates job training with related information for this course; a list of tools, equipment, and materials; and a list of 26 references. Each of the seven instructional units includes some or all of these basic components: performance objectives; suggested activities for teachers and students; information sheets; assignment sheets; job sheets; visual aids; tests; and answer keys. Units are planned for more than one lesson or class period. Unit topics include offset press systems; offset inks and dampening chemistry; offset press operating procedures; preventive maintenance and troubleshooting; job ticket and cost awareness; calculating paper cutting; and binding and finishing. (YLB)

ED 327 662 CE 506 672

Feasley, Sue C., Ed.
Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide.

Mid-America Vocational Curriculum Consortium,
Stillwater, Okla.

Report No.—90-007459
Pub Date—90
Note—318p.; For related documents, see CE 506 671-673.

Available from—Mid-America Vocational Curriculum Consortium, Inc., 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 801901: \$23.50).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Behavioral Objectives, Competency Based Education, Course Descriptions, Curriculum Guides, *Graphic Arts, *Layout (Publications), Learning Activities, *Paper (Material), Photocomposition, Postsecondary Education, *Printing, Safety, Secondary Education, Units of Study

This curriculum guide is the first in a three-volume series of instructional materials for competency-based graphic arts instruction. Each publication is designed to include the technical content and tasks necessary for a student to be employed in an entry-level graphic arts occupation. Introductory materials include an instructional/task analysis that correlates job training with related information for this course; a list of tools, equipment, and materials; and a list of 18 references. Each of the 10 instructional units includes some or all of these basic components: performance objectives; suggested activities for teachers and students; information sheets; assignment sheets; job sheets; visual aids; tests; and answer keys. Units are planned for more than one lesson or class period. Unit topics include orientation; shop safety; shop organization; printing processes; paper; typography; typesetting; design principles; paste-up principles; and proof procedures and legal considerations. (YLB)

ED 327 663 CE 506 673

Feasley, Sue C., Ed.
Graphic Arts: Process Camera, Stripping, and Platemaking. Teacher Guide.

Mid-America Vocational Curriculum Consortium,
Stillwater, Okla.

Report No.—90-007460
Pub Date—90
Note—285p.; For related documents, see CE 506 671-672.

Available from—Mid-America Vocational Curriculum Consortium, Inc., 1500 West Seventh Avenue, Stillwater, OK 74074 (order no. 802001: \$22.00).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Behavioral Objectives, Competency Based Education, Course Descriptions, Curriculum Guides, *Graphic Arts, Learning Activities, *Photographic Equipment, *Photography, Postsecondary Education, Production Techniques, Secondary Education, Units of Study

This curriculum guide is the second in a three-volume series of instructional materials for competency-based graphic arts instruction. Each publication is designed to include the technical content and tasks necessary for a student to be employed in an entry-level graphic arts occupation. Introductory materials include an instructional/task analysis that correlates job training with related information for this course; a list of tools, equipment, and materials; and a list of 12 references. Each of the seven instructional units includes some or all of these basic components: performance objectives; suggested activities for teachers and students; information sheets; assignment sheets; job sheets; visual aids; tests; and answer keys. Units are planned for more than one lesson or class period. Unit topics include the process camera and other darkroom equipment; line photography; halftone photography; other darkroom techniques; overview of process color photography; stripping procedures; and platemaking procedures. (YLB)

ED 327 664 CE 506 674

Ashley, William, Comp. And Others
The Rural Career Assistance Program: An Implementation Guide.

Ohio State Univ., Columbus. Cooperative Extension Service; Ohio State Univ., Columbus. National Center for Research in Vocational Education.

Spons Agency—Department of Commerce, Washington, D.C.

Pub Date—88
Note—196p.; Document printed on colored paper.

Pub Type—Guides - Non-Classroom (055)
EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Adult Education, Adult Farmer Education, *Career Choice, Career Counseling, *Career Development, *Career Planning, *Dislocated Workers, *Farmers, Job Search Methods, Learning Activities, Money Management, Postsecondary Education, Program Development, Program Implementation, Student Recruitment, Teaching Methods, *Workshops

Identifiers—*Rural Career Assistance Program

This guide was developed to aid workshop presenters in conducting programs for farmers who may lose or have lost their farms. It contains materials to help the farmers cope with the emotional, financial, and career loss and to plan for the future. The guide is organized in three chapters. Chapter 1 demonstrates the need for the program, defines the farmers' problems, and describes the Rural Career Assistance Program. Chapter 2 outlines the program's structure, including administration (program staffing/recruiting, reporting, curriculum, client recruitment, funding and budget issues, linkages), program planning and implementation, and public relations. The final chapter describes the client services offered in career assistance programs, suggests a program format, and provides teaching suggestions. The bulk of the guide consists of handout masters for workshop materials, intake and recruitment materials, and materials related to the emotional, career, physical, and fiscal domains. (KC)

ED 327 665 CE 506 678

Murphy, John D. And Others
Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education.

Pub Date—2 Nov 90
Note—11p.; Paper presented at the Annual Meeting of the American Association for Adult and Continuing Education (Salt Lake City, UT, November 2, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Accountability, *Adult Education, Adult Learning, *Adult Students, *College Outcomes Assessment, College Programs, Educational Research, Formative Evaluation, Higher Education, *Institutional Evaluation, Institutional Research, Instructional Effectiveness, Program Implementation, School Effectiveness, Student Development, Summative Evaluation
Identifiers—*University of Phoenix AZ

Despite the fact that students over age 25 will soon comprise the majority in higher education, programming and resource allocation at many universities remain inadequate to meet adult needs. Institutions have also failed to invest in adult education research. At the same time, pressures for objective assessment of student learning in higher education are increasing. Faced by these challenges, the University of Phoenix has developed a comprehensive outcomes and impact assessment program to assess the effects of a university education on students, particularly adult students. Process assessments are conducted using the Academic Quality Management System, a family of instruments and measures designed to monitor the student's day-to-day activities in the educational environment. Components include the student and faculty end-of-course surveys; student comment analysis system; grading practices analyses; registration survey; graduation survey; and comments to the chair. The second part of the program, the Adult Learning Outcomes Assessment project, is an interdependent group of measures to assess the extent to which the institution is accomplishing its fundamental mission and purposes. Components are the comprehensive cognitive assessment; affective impact assessment; alumni impact survey/interview; faculty impact survey; employer impact survey/interview; capstone research project assessment; and qualitative case studies. The findings of these assessment activities are built into regular institutional reporting systems, and administrative and academic managers are held accountable for their assessment profiles. The University of Phoenix program serves as a precedent for other institutions in the evolution of assessment into a condition for conducting the business of higher education. (YLB)

ED 327 666 CE 506 679

Tucker, Robert W. Murphy, John D.

Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students.
Pub Date—19 Oct 90

Note—14p; Paper presented at the Annual Meeting of the American Evaluation Association (Washington, DC, October 19, 1990).
Pub Type—Speeches/Meeting Papers (150)—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adult Education, Adult Learning, *Adult Students, *College Outcomes Assessment, College Programs, Educational Assessment, Educational Research, Formative Evaluation, Higher Education, *Institutional Evaluation, *Institutional Mission, Institutional Research, *Instructional Effectiveness, Program Development, Program Implementation, School Effectiveness, Student Development, Summative Evaluation

Identifiers—*University of Phoenix AZ

The University of Phoenix has developed a comprehensive outcomes and impact assessment program to assess the effects of a university education on students, particularly adult students. The program is integrated with the existing process assessment systems. Process assessments, which the university refers to as the Academic Quality Management System, consist of a family of instruments and measures designed to monitor the student's day-to-day activities in the educational environment. Components include the student and faculty end-of-course surveys; student comment analysis system; grading practices analyses; registration survey; graduation survey; and comments to the chair. Information is most often used for formative purposes such as assessing quality and compliance, performing interim program diagnoses, and making small-scale resource allocation decisions. Outcomes assessments, referred to as the Adult Learning Outcomes Assessment project, consist of an interdependent family of measures to assess the extent to which the institution is accomplishing its fundamental mission and purposes. Components are the comprehensive cognitive assessment; affective impact assessment; alumni impact survey/interview; faculty impact survey; employer impact survey/interview; capstone research project assessment; and qualitative case studies. Information is most often used for summative purposes, including decisions about the efficacy of individual programs and delivery systems. Central to the success of the assessment program is the commitment of faculty and staff to using the information for the improvement of all aspects of the university's operation, especially what goes on in the classroom. (YLB)

ED 327 667 CE 056 685

Clark, Burton A.
Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers.

Pub Date—Sep 89
Note—27p; Ed.D. Practicum, Nova University.
Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Administrators, Adult Education, Cognitive Style, *Fire Fighters, *Fire Science Education, *Government Employees, *Independent Study, *Management Development, Professional Development, Self Determination, *Student Motivation

Identifiers—Self Directed Learning Readiness Scale

A study was conducted to compare the self-directed learning readiness of National Fire Academy (NFA) fire executive development students to the theoretical norm and to other public managers. Procedures included testing 30 NFA fire executive development students with the Self-Directed Learning Readiness Scale (SDLRS). The distribution of fire executives' SDLRS scores were compared to the theoretical norm and to a group of 76 public managers. This comparison was made statistically with the chi-square goodness of fit calculation. The findings indicated that the fire executives' distribution of SDLRS scores was statistically higher than the theoretical norm and public managers. Although the fire executives scored higher than the public managers, 30 percent of the fire executives had only average scores on the SDLRS, which was judged to be unacceptable. This judgment was made because the literature indicated that professionals need a high degree of self-directed learning to be successful. Recommendations included the identification, implementation, and evaluation of a learning contract

instructional methodology to be incorporated into the existing fire executive development course. (Includes 16 references and the SDLRS.) (Author/KC)

ED 327 668 CE 056 686

Clark, Burton A.
Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.

Pub Date—Mar 89
Note—9p; Paper presented at the National Conference on Teaching Public Administration (12th, Charlottesville, VA, March 1989).

Pub Type—Reports - Research (143)—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adult Education, Distance Education, *Fire Fighters, *Fire Science Education, Government Employees, *Instructional Effectiveness, *Management Development, *Outcomes of Education, Postsecondary Education, Professional Development, Student Motivation, Teaching Methods, *Teleconferencing

Identifiers—National Fire Academy

A study compared the test scores of National Fire Academy (NFA) students who received on-campus classroom instruction and students who received the same instruction delivered by satellite teleconference. Following a review of literature that indicated no significant difference in test scores between on-campus classroom students and teleconference students, a controlled study was set up. The subjects were males between 35 and 55 years of age who held chief officer positions in fire departments around the country. The control group consisted of 34 students attending an executive development course at the NFA, and the experimental group consisted of 35 students attending a teleconference site. The test instrument developed for this study was a criterion-referenced, multiple-choice, 10-item test, examined for reliability and validity. Both groups received identical lectures, one live and one taped. The satellite teleconference group had a mean score of 7.3, whereas the control group had a mean score of 9.6. It is concluded that although the on-campus group scored higher on the test, both groups did learn. The difference may be in student motivation to use the information; however, the study demonstrated that teleconferencing was less effective than classroom instruction. It is recommended that comprehensive instructional development technology should be included in the design and implementation of teleconferences in order to increase learning. (KC)

ED 327 669 CE 056 690

Veterans Employment and Training Programs.
Report from the Committee on Veterans' Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.

Congress of the U.S., Washington, D.C. House Committee on Veterans' Affairs.
Report No.—House-R-101-562
Pub Date—27 Jun 90
Note—16p.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Educational Finance, Educational Needs, *Employment Programs, Federal Aid, *Federal Legislation, Federal Programs, *Job Training, Postsecondary Education, *Program Improvement, Student Financial Aid, *Veterans Education, Vietnam Veterans

Identifiers—Congress 101st, Proposed Legislation

This document reports on a bill (H.R. 4087) to amend Title 38 of the United States Code with respect to employment and training programs for veterans. By unanimous vote, the House Committee on Veterans' Affairs recommended passage of the bill as amended by the committee. The report first lists the proposed changes in the bill and then explains its major provisions. These provisions would: (1) provide employment and training information and services to individuals serving on active duty who are within 180 days of their discharge; (2) expand the duties of the Disabled Veterans Outreach program specialists to include provision of services to persons on active duty who are within 180 days of discharge; (3) expand the duties of the Local Veterans' Employment Representatives to serve the same group; (4) extend the definition of a veteran of the Vietnam era for eligibility purposes; (5) replace a Labor Department committee with another advisory committee related to training and employment; and (6) require the advisory committee to submit a

report on employment and training needs of veterans and recommendations for improvement. The report then provides background and discussion of the bill, cost estimates, the viewpoint of the Veterans' Administration, and a section-by-section analysis of the bill. (KC)

ED 327 670 CE 056 691

Oversight Hearing on the Montgomery GI Bill.
Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session.

Congress of the U.S., Washington, D.C. House Committee on Veterans' Affairs.
Pub Date—12 Jul 90

Note—228p; Serial No. 101-55. Some pages contain small type.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Federal Aid, *Federal Legislation, Hearings, Higher Education, Military Training, *Program Administration, *Program Improvement, *Student Financial Aid, Training Allowances, *Veterans Education

Identifiers—Congress 101st, *GI Bill

This document reports the oral and written testimony of congressional representatives, officers of the branches of the active and reserve armed services, and college veterans' affairs officials on changes that need to be made to veterans' benefits. The testimony was given at a July 1990 House of Representatives oversight hearing on the Montgomery GI Bill. During the hearing, congressional representatives complained that too many veterans and reserves have to wait months to establish their educational benefits and to get their checks to pay for their schooling. The representatives asked the military officers for suggestions for remedying the situation, and suggestions were offered for improving the system. In addition, suggestions were made for increasing veterans' and reservists' benefits as an incentive for enlistment and because of rapidly rising educational costs. (KC)

ED 327 671 CE 056 692

Hamminck, Kees
Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5.
United Nations Educational, Scientific, and Cultural Organization, Hamburg (West Germany). Inst. for Education.

Report No.—ISBN-92-820-1057-0
Pub Date—90

Note—154p.
Available from—Unesco Institute for Education, Feldbrunnstrasse 58, D-2000 Hamburg 13, Federal Republic of Germany.

Pub Type—Reports - Descriptive (141)
Document Not Available from EDRS.

Descriptors—*Adult Basic Education, Curriculum Development, *Educational History, Educational Philosophy, Educational Planning, Educational Policy, *Educational Practices, Foreign Countries, *Functional Literacy, *Literacy Education, Program Implementation, Teacher Education

Identifiers—*Netherlands

This six-chapter monograph describes the development of adult basic education (ABE) in the Netherlands. It documents a process from the development of literacy by enthusiastic volunteers to professionalized and institutionalized adult education, which is still evolving. In chapter 1, a general outline of the problem of functional illiteracy (defined as "a lack of basic knowledge and skills that are strictly necessary to be able to cope in daily life and society") in Dutch society is given. Chapter 2 documents previous educational experiences, using the development of literacy for Dutch-speaking adults as an example. In chapter 3, ABE provision is described, the current state of ABE is presented, and some assessments are made. Chapter 4 focuses on ABE curriculum and its development and describes the central pedagogical and methodological concepts that underlie proper ABE practice. Since ABE is a professional undertaking, chapter 5 describes the training and education of ABE staff. In chapter 6, some reflections and critical remarks for the future are made. Problems and issues for the coming decade are formulated, and the develop-

ment of ABE in the Netherlands is related to international developments, especially developments in Europe during the 1980s. The monograph concludes with 59 references and addresses of 9 resources for further information. (KC)

ED 327 672 CE 056 694
Schenk, Susan, Ed. *Harrah, Doris, Ed.*
Teaching Basic Caregiver Skills.
Grossmont District Hospital, La Mesa, CA.
Spons Agency—Administration on Aging (DHHS), Washington, D.C.
Pub Date—88
Contract—90-AM0252
Note—74p; For related documents, see CE 056 695-696.

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Adult Education, Aging (Individuals), Curriculum Guides, Disabilities, *Family Caregivers, *Homebound, Instructional Materials, Learning Activities, Long Term Care, *Medical Services, *Nursing, Older Adults, Pretests, Posttests, Teaching Guides, Units of Study.
This instructor's guide provides materials for a nursing skills course designed to teach basic home nursing skills to families who plan to care for a chronically ill or elderly family member at home. It may be taught by a registered nurse with knowledge of all areas or by a team, with each instructor concentrating on his/her area of expertise. Course content is organized into six units: the home care environment, mobility, meal time, personal care, the bed patient, and working with health care professionals. Each unit involves the family in considering the special needs of the patient/family member and in planning how to incorporate home care into the family's daily life. Active participation helps to develop the basic nursing skills being taught. Introductory materials include facts and fallacies of caregiving; caregiver education philosophy; and classroom setup and teaching suggestions. Each unit consists of these components: an introduction; suggestions for instructor; points to cover; questions regarding community resources; and examples of handouts. Appendixes, amounting to approximately one-half of the guide, include sample class schedules, objectives, pretest, and posttest for a basic and an advanced course; sample handouts; evaluation form; and certificate. (14 references; 10 resources) (YLB)

ED 327 673 CE 056 695
Brawley, Ruth A. Ed. *Viss, Deborah, Ed.*
Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education.
Grossmont District Hospital, La Mesa, CA.
Spons Agency—Administration on Aging (DHHS), Washington, D.C.
Pub Date—88
Contract—90-AM0252
Note—68p; For related documents, see CE 056 694-696.

Pub Type—Guides - Non-Classroom (055)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Adult Education, *Aging (Individuals), Behavioral Objectives, Course Descriptions, Curriculum Guides, *Disabilities, *Family Caregivers, Homebound, Instructional Materials, Long Term Care, *Medical Services, *Nursing, Older Adults, Teaching Guides.
This guide provides material for a course for individuals interested in expanding their knowledge about caring for the elderly and disabled. Focus is on the psychosocial aspects of caregiving. It is designed to be completed in one 3-hour session and may be taught by nurses, social workers, staff members of community agencies, and others familiar with the aging and/or disabled population. Introductory material includes facts and fallacies about caregiving; caregiver education philosophy; realities and solutions of caregiving; support of the agency; responsibilities of the instructor; suggested room arrangement; and guidelines for publicity. The following pages provide information on the substance of the caregiving course. Course content covers the financial overview of long-term care, home care services, out-of-home placements, conservatorships, and psychosocial aspects of caregiving. Appendixes, amounting to over one-half of the guide, include forms, such as sign up sheet, statistics form, pretest form, posttest form, and evaluation form; a list of objectives indicating the general knowledge obtained by the participants; sample course syllabus; and sample press releases and program flyers. A 14-item bibliography and 10-item resource list are

also provided. (YLB)

ED 327 674 CE 056 696
The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers.
Grossmont District Hospital, La Mesa, CA.
Spons Agency—Administration on Aging (DHHS), Washington, D.C.
Pub Date—Mar 88
Contract—90-AM0252
Note—47p; For related documents, see CE 056 694-695.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Adult Education, *Aging (Individuals), Curriculum Guides, Demonstration Programs, *Disabilities, *Family Caregivers, Homebound, Instructional Materials, Long Term Care, Material Development, *Medical Services, *Nursing, Older Adults, Teaching Guides.
This demonstration program was designed to impart specific nursing, psychosocial, and community knowledge skills to caregivers, particularly those who themselves were older adults and were caring for a family member at home. Begun in October 1986, this program featured basic home nursing instruction and an orientation to the demands and rewards of caregiving. The Caregiver Education and Training (CET) Project included two components. Two integrated home nursing courses demonstrated basic nursing skills to families who cared for an ill, frail, impaired, or older family member in the home. A companion course focused on the psychosocial aspects of caregiving and provided information about community resources. During its 18-month duration, CET offered 65 classes to the community at no charge. Some 342 individuals representing 221 families and 62 paraprofessionals/professionals participated. Their response was quite favorable. Pretests and posttests demonstrated the acquisition of significant caregiving knowledge and skills. A 60-minute videotape and two teaching guides for the two components of the program were developed. Appendixes include pretests, posttests, and questionnaires. (YLB)

ED 327 675 CE 056 698
The School-to-Work Connection.
Department of Education, Washington, DC; Department of Labor, Washington, D.C.
Pub Date—May 90
Note—17p; Report of the proceedings of the National Conference on "The Quality Connection: Linking Education and Work" (Washington, DC, May 15-17, 1990).
Pub Type—Collected Works - Proceedings (021)—Opinion Papers (120)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Cooperative Programs, *Educationally Disadvantaged, *Educational Needs, *Education Work Relationship, *Institutional Cooperation, Postsecondary Education, Program Development, Program Implementation, *School Business Relationship, Secondary Education, Vocational Education.

This document reports the proceedings of a national conference of government, business, and educational executives on the school-to-work connection. The proceedings provide short summaries of the speeches and discussions held during the conference, which focused on the problems of poorly educated youth—tomorrow's workers—and how businesses and schools can work together to prepare students for the labor force. The following summaries are included: "America Faces a Work Force Crisis" (Elizabeth Dole); "The Role of Business...Is Critical" (Lauro F. Cavazos); "The Need to Link Business and Education" (Steve Gunderson, Dale Parnell, Carroll Campbell); "Facts and Issues" (Marc Tucker, Al Shanker, Ivan Cherner); "Seeking Common Ground" (Sue E. Berryman, Frank Doyle, Gerald Hayward, Joshua Smith, James Kadamus); "Formulas for Success" (Kenneth Smith, Larry Brown, Tom Johnson, Gabriel Cortina); and "Ideas and Solutions" (workshop wrap-up). (KC)

ED 327 676 CE 056 711
Watts, A. G.
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.
European Centre for the Development of Vocational Training, Berlin (Germany).
Pub Date—Dec 90

Note—8p.
Journal Cit—CEDEFOP Flash; n10 Dec 1990
Pub Type—Collected Works - Serials (022)—Collected Works - Proceedings (021)—Reports - General (140)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adult Education, Career Education, *Career Guidance, Computer Oriented Programs, Cooperative Programs, *Counselor Training, Databases, Foreign Countries, *Guidance Programs, *Guides, *International Cooperation, International Relations, Material Development, Occupational Information, Postsecondary Education, Secondary Education, Staff Development
Identifiers—Computer Assisted Guidance, *European Community

A conference set the stage for the development of European Community (EC) policy in the field of vocational guidance and possible action. Discussion focused on the need for trans-frontier guidance and the need for communication and cooperation between guidance services to support educational and occupational mobility across the EC as a whole. The implications of the EC as a single labor market were debated. Participants agreed unanimously that a handbook on vocational information and guidance within the 12 Member States should be developed. Initial suggestions were made as to which bodies might be members of a network designated to produce the handbook. A report of a feasibility study on such a handbook proposed two alternative models: a single handbook and 12 handbooks, one for each Member State. Training and staff development were discussed. Two possible forms for a "European academy" for counselor training were suggested: a single institution and networking among training agencies. Computer systems were suggested to enable comprehensive, current information on educational, training, and employment opportunities to be made available across the EC. Three related issues concerned development of databases, development of computer-aided career guidance systems, and integration of these systems. (YLB)

ED 327 677 CE 056 712
O'Connor, Patrick J.
The Status of Marketing in Secondary Vocational Education.
Pub Date—22 Aug 90
Note—11p.
Pub Type—Information Analyses (070)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Access to Education, *Institutional Advancement, *Marketing, *Public Relations, School Holding Power, Secondary Education, *Student Recruitment, Teacher Role, Vocational Directors, *Vocational Education, Vocational Education Teachers.

Vocational educators must integrate marketing into school operation in a way that will enable them to better plan and deliver professional services that address the needs of students, employers, and society. Educators should be aware that marketing in educational settings is different from marketing in profit-making and service organizations, and moreover, that there are considerations unique to the marketing of vocational education. Educational leaders must also realize that internal marketing is equally or perhaps more important than external marketing. Internal marketing relates to the educational programs and services the school offers its consumers, and since the programs, and the faculty and support staff who deliver them are the actual services being marketed, all three must be professional and of high quality if external marketing efforts are to succeed. At present, however, the vast majority of research and literature on marketing in secondary vocational education is related to influencing external groups. Four conclusions about the role of marketing in secondary vocational education can serve as recommendations for future marketing implementation by secondary vocational education leaders: (1) secondary vocational education has a generally positive impact; (2) additional structure in marketing activities is needed; (3) vocational educators should view themselves as more a part of the mainstream reforms occurring in education; and (4) a more comprehensive focus that emphasizes the internal dimension as well as promotion, is needed. (19 references) (YLB)

ED 327 678 CE 056 713
O'Connor, Patrick J.
The Concerns of the Marketing Education Profession.
Pub Date—Jul 90

Note—7p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Administrator Attitudes, *Distributive Education, *Distributive Education Teachers, Educational Change, *Educational Improvement, *Marketing, Postsecondary Education, Secondary Education, *Teacher Attitudes, Teacher Education, Teacher Educators

This report describes a 2-year study designed to determine how various groups within the marketing education profession viewed important professional concerns. Issues addressed in the three primary research questions were: the nature of the concerns of the professional community; whether the concerns varied based on affiliation with marketing education; and whether the data source influenced variance in responses. Areas of concern identified at the 1988 American Vocational Association (AVA) convention were developed into a Likert-type survey instrument. Data were collected at the 1989 AVA convention and the 1989 conclave. Every third name on a list of 2,400 names of marketing education professionals consisting of secondary and postsecondary teachers, teacher educators, and supervisors, was sent the survey. Results were analyzed from 268 convention and conclave participants and 262 professionals who received a mailing. The analysis used descriptive statistics, analysis of variance, and factor analysis. Findings indicated that marketing educators were in agreement regarding the concerns the profession must address. Additional program funding and the marketing of marketing education appeared to be the most important concerns. The main source of supply for marketing education teachers seemed to be one area where the profession disagreed. (YLB)

ED 327 679

CE 056 714

O'Connor, Patrick J. And Others

The Integration of Marketing in Post-Secondary Vocational Education.

Spons Agency—Georgia State Board for Postsecondary Vocational Education, Atlanta.

Pub Date—Jul 88

Note—26p.

Pub Type—Collected Works - General (020) — Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Access to Education, Administrator Role, Educational Planning, *Institutional Advancement, *Marketing, Postsecondary Education, *Public Relations, School Holding Power, *Student Recruitment, Teacher Role, Vocational Directors, *Vocational Education, Vocational Education Teachers

Marketing can solve problems postsecondary vocational educators face related to enrollment, professional contribution, image, and program quality. Postsecondary vocational education should be aggressively marketed because of its expanding growth and mission. Postsecondary institutions are using various marketing strategies, including activities related to research, promotion, planning, client needs, and availability/accessibility. However, marketing involves more than just public relations and image development. Substantive changes imply modifications in programs, support services, administration, and delivery methods. The procedure for integrating marketing in a postsecondary institution begins with activities focusing on internal marketing, structure, and management support. An institution must perform internal marketing to ensure that its members support the marketing process. Key components of internal marketing are the following: quality and commitment; the role of management; the organizational personality of "corporate culture"; selection, orientation, and reorientation; training; and communications. The integration of marketing must be performed in a structured fashion with management support. Two guest contributors to this monograph are Thomas J. Walker and Deede Sharpe, writing respectively on marketing's role in promoting the value of vocational education and the function of internal marketing. (28 references) (YLB)

ED 327 680

CE 056 715

Unemployment Insurance. Maintaining the Foundation of Economic Security.

International Association of Personnel in Employment Security, Frankfurt, KY.

Report No.—ISSN-0887-798X

Pub Date—85

Note—90p.; For other issues of this journal, see CE 056 716-720.

Available from—International Association of Personnel in Employment Security, 1801 Louisville Road, Frankfort, KY 40601 (\$5.00; 50 or more: \$3.00 each).

Journal Cit—Perspective: Essays and Reviews of Issues in Employment Security and Employment and Training Programs; v1 1985

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adults, Employment Practices, *Employment Programs, *Employment Services, Futures (of Society), Government Role, *Job Training, Labor Market, Labor Needs, Policy Formation, Program Implementation, State Government, *State Programs, *Unemployment, *Unemployment Insurance, Workers Compensation

Identifiers—Employment Security

This issue of an annual journal contains 18 essays on unemployment insurance (UI) and employment and training programs. Part 1, "Historical Perspective," contains the following papers: "Reflections on Wisconsin and Unemployment Insurance" (Wilbur J. Cohen); "Outstanding Ideas Form UI's Foundation" (Richard Wagner); "One State's Experience: 1939" (Joseph Biddy); "Technology and the UI System" (Charlie Ballard); and "Unemployment Insurance: The System" (William U. Norwood, Jr.). In part 2, "Financing the System—Benefits and Administration," the following papers are found: "Fifty Years of State Financial Responsibility" (Joseph M. Becker); "Monetary, Nonmonetary and Benefit Formulae" (Gerry Gilmore); "The Financing Foundation of UI" (James W. Jackson); and "Financing the Administration of the UI Program" (Gerald E. Dunn, Kathleen Griffin). Part 3 "Operating the System and Economic Impact," contains the following papers: "Interstate UI through Internet" (Jane Lowry Waid); "Computerization" (Jim Coate); "Labor Market Information and UI Operations" (Steve Goodman); "The Employment Service-Unemployment Insurance Relationship" (Charles H. Davis); "UI's Effect on the Local Economy" (W. E. Parsons); and "A Divergent Paradox" (John Stine). The final part, "The Future," contains three papers: "Alternative Uses of UI Benefits" (Garth L. Mangum, Stephen L. Mangum); "Incentives, Productivity Keys to Future" (Clinton E. Petty); and "Future Directions and Changes in the UI System" (James A. Ware). (KC)

ED 327 681

CE 056 716

Addressing Employer Services.

International Association of Personnel in Employment Security, Frankfurt, KY.

Report No.—ISSN-0887-798X

Pub Date—86

Note—118p.; For other issues of this journal, see CE 056 715-720.

Available from—International Association of Personnel in Employment Security, 1801 Louisville Road, Frankfort, KY 40601 (\$5.00; 50 or more: \$4.00).

Journal Cit—Perspective: Essays and Reviews of Issues in Employment Security and Employment and Training Programs; v2 1986

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Education, Adults, Career Information Systems, *Delivery Systems, Demonstration Programs, Employers, *Employment Services, Federal Legislation, Labor Market, *Occupational Information, *Outreach Programs, Program Descriptions, Program Improvement, Staff Development, State Legislation, *State Programs, Unemployment, *Unemployment Insurance

Identifiers—*Employment Security

This volume of an annual journal contains 21 articles focusing on the many services that state Employment Security (ES) agencies are providing to improve outreach to employers who pay for the programs through the dedicated revenues of the Federal Unemployment Tax Act and state benefit taxes and to improve their own staff ability to deliver service. Three essays in Part I review the basics of the three programs that comprise the Employment Security System, namely, Unemployment Insurance (UI), Employment Service, and Labor Market Information, and suggest some prospects for future improvements and considerations. The essays are: "Unemployment Insurance: The Fundamental Employers' Service" (Sar Levitan, Isaac Shapiro); "Business Needs and Employment Service Poten-

tial" (William Kolberg, Peter Carlson); and "A New Look at Employment Service Labor Market Penetration" (Harold Kuptzin). The following 11 essays in Part II review programs that reach out to the employer community: "The Tested Job Match-Validity Generalization" (Jerry Pickett); "North Carolina's No Fault, Money Back Referral Policy" (J. B. Harris); "Outreach Services to Employers" (Linda Rutschmann); "Employers' Unemployment Insurance Rights and Obligations" (Pamela Gervais); "Minnesota's Mass Recruiting Services" (John Iverson, et al.); "Colorado's Jobs Network Partnership" (Dee Campbell); "Washington's Training Network" (Gary Gallwas); "Marketing ES by Video" (William Mouffair); "Mississippi's New Hire and Job Refusal Card" (Hoyte Hart); "Oregon's Adult Offender Placement Program" (Raymond Thorne, William Sager); and "Oregon's Homeless Program" (Raymond Thorne, William Sager). The seven essays in Part III review state Employment Security agency programs designed to improve staff effectiveness in delivering services; they are: "Virginia's Employability Training Workshop" (Dianne James); "Job Seeking Skills Create Better Applicants" (John Stine); "Florida's Group Application Process" (Linda Frazier); "Oregon's Scanner Processing of Employers' UI Quarterly Reports" (Joe Ann Gardner); "A Computer Program as a Counseling Tool" (Suzanne Zesmer); "Labor Market Information Dispersal" (Larry Kennedy); and "Establishing Labor Market Information Expertise" (David Koch). (YLB)

ED 327 682

CE 056 717

Youth and Work: Outreach, Assessment, Preparation.

International Association of Personnel in Employment Security, Frankfurt, KY.

Report No.—ISSN-0887-798X

Pub Date—87

Note—131p.; For other issues of this journal, see CE 056 715-720.

Available from—International Association of Personnel in Employment Security, 1801 Louisville Road, Frankfort, KY 40601 (\$5.00; 50 or more: \$4.00).

Journal Cit—Perspective: Essays and Reviews of Issues in Employment Security and Employment and Training Programs; v3 1987

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Career Counseling, Career Information Systems, Demonstration Programs, Disabilities, *Employment Services, Federal Legislation, Job Placement, Labor Market, *National Programs, Occupational Information, Postsecondary Education, Program Descriptions, Secondary Education, State Legislation, State Programs, *Unemployment, *Youth Employment, *Youth Problems, *Youth Programs

Identifiers—*Employment Security

This volume of an annual journal explores the problems and opportunities confronting young people attempting to find employment and the challenges faced by employment and training professionals trying to assist them along with some possible solutions. The 16 articles are divided into three parts concerned respectively with defining the problems, federal programs, and local initiatives. Part I includes: "The Place of the Family in the Preparation of Youth for the World of Work" (Quentin Schenk and Emmy Lou Schenk); "The Youth Employment Situation" (Janet Norwood); "Preparing At-Risk Youth for Education and Employment: New Roles for Schools" (Janice Earle, Candace Sullivan); "Productive Future Requires Educational Changes" (Bruce Wilson); and "Choices: Conscious Decisions about Youth and Work" (John Stine). The following papers are presented in part II: "Youth Initiatives" (William Brock); "Creating an Employability Credential for At-Risk Youth" (Evelyn Ganzglass, Sandra Jibrell); "Occupational Information: The Supporting Role of NOICC and SOICCs" (Valerie Lloyd, James Woods); and "Disabled but Able to Work: Federal Initiatives in Training Young People with Disabilities in Employment" (Dale Brown). The articles in Part III are: "Oregon Youth Offender Placement Program" (William Sager); "A National Occupational Information System" (Neta Wall); "Employment Counseling with Youth" (Charlotte Metz); "A History of the Seward, Alaska, Youth Employment Service" (Shirley Reynolds); "A Cooperative School Program: An Overview of the Minneapolis Youth Program" (Stella Jones); "A Utah County Perspective" (NaDene Archibald);

and "National Youth Service: A Challenge for Employment Security Agencies" (William Basil). (YLB)

ED 327 683 **CE 056 718**
Multinational Investment: Opportunity and Challenge.

International Association of Personnel in Employment Security, Frankfurt, KY.
Report No.—ISSN-0887-798X

Pub Date—88
Note—76p.; For other issues of this journal, see CE 056 715-720.

Available from—International Association of Personnel in Employment Security, 1801 Louisville Road, Frankfurt, KY 40601 (\$5.00; 50 or more: \$4.00).

Journal Cit—Perspective: Essays and Reviews of Issues in Employment Security and Employment and Training Programs; v4 1988

Pub Type—Collected Works - Serials (022)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Education, Adults, *Economics, Employment Services, Federal Legislation, Foreign Countries, *Global Approach, International Cooperation, *International Relations, *International Trade, *Investment, *Labor Market, Labor Needs, Labor Supply, State Legislation, State Programs, World Affairs

Identifiers—Employment Security, Japan, *Multinational Corporations, Spain, Taiwan, Uganda

This volume of an annual journal contains nine articles focusing on the internationalization of the world's economy and business and how employment security and employment and training programs can be involved. The opening article, "Foreign Investment Euphoria Hides Community Upheaval" (W. Scott Boyd), provides an overview of the volume which is organized in two parts. In part I, views and examples from the United States are presented in the following articles: "The Economic Climate of Multinational Corporations" (Brian Bosworth); "For Sale! Examining Attitudes" (Bruce Wilson); "Positioned for Partnership: Indiana's Employment and Training Experience with the Subaru-Isuzu Automotive, Inc. Project" (R. Joy Partridge-Ullrich, Thomas Heeter); and "The Border Industrialization Program: Mexico's Maquiladora Initiative" (John Stine). In part II, the following articles provide information on examples from around the world: "The Uganda Situation" (Sylvester Kabito); "Spain: Assisting Foreign Investment" (Jose Somalo); "Labor Supply and Demand in Japan" (Shuichiro Ogura, Katsuki Ikeda); and "Republic of China's Economic Miracle Based on Foreign Trade, Development" (Pei-chi Chang, Andy Jo). (YLB)

ED 327 684 **CE 056 719**
Employment Services Needs of Veterans.

International Association of Personnel in Employment Security, Frankfurt, KY.
Report No.—ISSN-0887-798X

Pub Date—89
Note—135p.; For other issues of this journal, see CE 056 715-720.

Available from—International Association of Personnel in Employment Security, 1801 Louisville Road, Frankfurt, KY 40601 (\$5.00; 50 or more: \$4.00).

Journal Cit—Perspective: Essays and Reviews of Issues in Employment Security and Employment and Training Programs; v5 1989

Pub Type—Collected Works - Serials (022)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Employment Potential, Employment Practices, Employment Problems, *Employment Programs, *Employment Services, Federal Aid, Job Placement, *Job Training, Labor Utilization, Postsecondary Education, Reentry Workers, Student Financial Aid, Training Allowances, Unemployment, *Unemployment Insurance, *Veterans, *Veterans Education, Vietnam Veterans, Vocational Rehabilitation

Identifiers—Employment Security

This issue of an annual journal contains 20 papers reflecting on the efforts of U.S. employment security and training programs to meet the needs of veterans. Part I, "National Perspective," contains five essays: "Policy Issues for Veteran Job Training Programs" (Martin F. Smith); "Cognizant Ramblings: Superheroes Lags the Veteran on the Stage (Vanity of Human Wishes)" (Larry W. Rivers); "Women Veterans...Toward the Year 2000 and Beyond" (Diana D. Danis); "Civilian Occupational

Labor Market Information System: A Project to Help Veterans" (Gary Crossley); and "NVTI—Three Years from Ground Zero" (Priscilla Donovan). Papers in part II, "Local Perspective," are the following: "The Employment Characteristics of the Disabled Vietnam-era Veterans in Idaho" (Robert Michael Wilson); "Views from a Local Office" (Gerald L. Kessel); "A Survey of Veteran Staff Members' Perceptions of Veterans Service Needs" (Ken West); "Making Time 38 Work from the Bottom Up" (Charles M. Kerna); and "Veterans Workforce 2000 Issues: The Tank Driver's Dilemma" (John Stine). Ten essays make up Part III, on "Local Office Programs"; they are: "Employment Security/Armed Forces Network" (James F. Wallace); "The Veterans Representative and the Armed Forces Recruiter—An Employment Counseling Approach" (George B. Gonzales); "JTPA IV-C for Veterans in Florida" (Dee Campbell); "Reintegrating the Homeless Veteran through Employment" (Joy Jenko); "San Antonio Homeless Veteran Placement Project" (Arthur R. Underwood, Jr.); "Compensated Work Therapy" (Peggy Black, David Knapp); "The Texas Job-Search Seminar Counseling Connection" (Don Watson); "Vocational Information Project: Innovations in Employment Counseling" (Kenneth D. Freeman); "Veterans in the Work Force in the Year 2000" (Alonzo Philmore); and "CARS and CAP: Employment Programs for Veterans that Produce Results" (Jim Grass). (KC)

ED 327 685 **CE 056 720**

Model Offices: Flexible Options, Local Innovations.

International Association of Personnel in Employment Security, Frankfurt, KY.
Report No.—ISSN-0887-798X

Pub Date—90
Note—110p.; For other issues of this journal, see CE 056 715-719.

Available from—International Association of Personnel in Employment Security, 1801 Louisville Road, Frankfurt, KY 40601 (\$5.00; 50 or more: \$4.00).

Journal Cit—Perspective: Essays and Reviews of Issues in Employment Security and Employment and Training Programs; v6 1990

Pub Type—Collected Works - Serials (022)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Education, Adults, Career Information Systems, Cooperative Programs, Coordination, Delivery Systems, *Demonstration Programs, *Employment Programs, *Employment Services, Federal Legislation, Federal Programs, Job Placement, *Job Training, Labor Force Development, Occupational Information, Program Descriptors, Program Improvement, State Legislation, *State Programs, Unemployment, Unemployment Insurance

Identifiers—*Employment Security, *Job Training Partnership Act 1982

This volume of an annual journal contains 17 articles that focus on model local offices of the employment security (ES) and training systems. The articles are arranged in three parts. Part I, on developing new initiatives, contains the following five articles: "A Public Employment Service for the 1990s" (Elizabeth Dole); "The Revitalization of the Employment Service: Improving the Employer Relations Program" (Martin Smith); "Coordination Brings LMI and Job Service Together" (Ellen Saunders, Betsey Fettman); "Jobs New Jersey: A Model Concept in Cooperation" (J. Robert White); and "Building on Experience: The Ohio Bureau of Employment Service's Role in JOBS" (Ellen Saunders, Barbara Kaufman). Part II, which concerns local offices that address unique situations, contains five articles: "New Jersey Response Team" (Scott Stryker); "A 24-Hour Job Service" (Diana Staley); "West Virginia: A Leader in Meeting the Needs of Rural America" (Andrew Richardson); "Weslaco: Model Full-Service Office in the Rio Grande Valley" (John Stine); and "One of a Kind" (Bud Cork). The seven articles in Part III focus on creating local office models. They are: "One-Stop Service for Application Taking and Eligibility Determinations for Job Training, Job Placement, and Unemployment Insurance" (Lyle Halvorsen); "Community Service Centers: Helping NY Work-Better" (Thomas Hartnett); "The Idaho Story: Model Office Operations—ES, UI, LMI, JTPA" (Tom Valasek); "Employ Illinois: An Economic Development and Human Services Initiative" (Robert Frank); "Job Center: Address Southeastern Pennsylvania's Changing Economy" (Frank Lynch, Jack McGetti-

gan); "Meeting Human Resources Needs: Maryland Job Service Local Office Innovations" (Paullette Hall); and "Model Offices in Model Communities" (A. R. Little). (YLB)

ED 327 686 **CE 056 721**

Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum.

Bureau of Labor-Management Relations and Cooperative Programs (DOL), Washington, DC.
Report No.—BLMR-141

Pub Date—91
Note—23p.

Pub Type—Opinion Papers (120)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Education, *Collective Bargaining, *Collegiality, *Employer Employee Relationship, Employment Problems, Labor Problems, *Labor Relations, Participative Decision Making, Quality of Working Life, Teamwork, *Unions, Vocational Education, Work Environment

In 1988 the Collective Bargaining Forum, a private group of labor and business leaders, adopted a statement of principles recognizing that the institution of collective bargaining is an integral part of economic life in the United States. The purpose of the statement was to facilitate the spread of positive relations between labor and management based on mutual respect and trust. As a next step, the Forum has proposed a model compact for labor-management relations suggesting a new set of obligations and responsibilities that transcend and expand traditional collective bargaining relationships. The issues or practices that should be included in such a compact include: joint commitment to the economic success of the enterprise; joint commitment to the institutional integrity of the union; commitment by top management to employment security and continuity; worker participation and empowerment; conflict resolution; responsibilities in transforming industrial relations; and public policy principles. For each issue or practice, the Forum has also developed a set of guidelines which is both practical and consistent with the principles adopted earlier by the Forum. (A list of Forum members is appended.) (YLB)

ED 327 687 **CE 056 722**

Phillips, Philip D.
Economic Development for Small Communities and Rural Areas.

Illinois Univ., Urbana. Office of Continuing Education and Public Services.
Report No.—ISBN-1-877847-52-6

Pub Date—90
Note—183p.; Exhibits present various legibility problems.

Available from—Office of Continuing Education and Public Service, University of Illinois, 302 East John Street, Suite 202, Champaign, IL 61820 (\$24.95).

Pub Type—Guides - Non-Classroom (055)
EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Adult Education, Adults, *Community Development, Community Programs, Continuing Education, *Economic Development, Job Development, *Marketing, Municipalities, Organization, *Planning, *Rural Areas, *Site Selection

Identifiers—*Small Towns
This book is designed to provide an introductory understanding of challenges, goals, processes, and procedures for economic developers, particularly economic development volunteers, in rural areas and small towns. Chapter 1 defines economic development and basic terms. Chapter 2 describes major economic, social, and demographic trends that influence the development prospects of small communities and rural areas. Chapter 3 discusses 10 common denominators of success for development organizations and steps in getting started. Common problems are addressed in Chapter 4. Chapter 5 reviews the basics of site selection and describes a 12-step process. Chapter 6 discusses in detail a strategic planning process that is composed of a cycle of eight steps. Focus of Chapter 7 is on the rationale behind targeting and on data sources and techniques to select target industries. Chapter 8 provides information on business retention, expansion, and creation programs. Chapter 9 describes a comprehensive approach to marketing as applied to economic development based on the strategic planning and targeting frameworks and an understanding of the site selection process presented in earlier chapters. Each chapter concludes with references to

books, articles, and organizations that are particularly relevant to the topics covered. Twenty exhibits supplement the text, and a 107-item annotated bibliography lists relevant books, articles, government publications, and development organizations. The book is intended to be a useful reference book for local government officials, community leaders, educators, and others involved in the community economic development field. (YLB)

ED 327 688 CE 056 724

Craft, Robert D. Martch, Theodore
Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation.

Pub Date—[90]

Note—7p.; Paper presented at the Work Now and in the Future Conference (Portland, OR, November 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Cooperative Programs, Guidelines, High Schools, *Mainstreaming, *Mental Retardation, On the Job Training, Program Effectiveness, Program Implementation, Special Education, *Supported Employment, *Vocational Education, *Work Experience Programs

Identifiers—*Winston Dillard School District OR The Douglas Education Service District, Winston Dillard School District, and the Special Education Department at Douglas High School in Winston, Oregon, developed a community-based education program that emphasizes ongoing job training for students with mental disabilities and the development of competitive employment in the community. The program is called the Community Transition Training Center (CTTC) and is housed at the Wildlife Safari in Winston. The CTTC is part of a seven-part training sequence involving these components: (1) classroom instruction; (2) integrated vocational classes; (3) campus work experience; (4) job training at the CTTC; (5) work experience in the community; (6) supported employment in the community; and (7) competitive employment. Steps two and four are unique to this program. The Wildlife Safari has successfully hosted job training students for more than 4 years. Students now attend training sessions in the restaurant, mechanics/welding shop, building maintenance, and gift shop. Staff members of the department conduct the training with minimal interaction by school officials and training site staff. This program demonstrates what can be accomplished when schools, employers, and public agencies work together to provide the educated work force needed for the future. (KC)

ED 327 689 CE 056 725

Braid, Mary Macaskill, Sandra, Ed.
Workplace Education, Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace.

Scottish Community Education Council, Edinburgh.

Pub Date—90

Note—40p.; British Petroleum Company P.L.C. and Scotlander provided support in the production of this book.

Available from—Scottish Community Education Council, West Coates House, 90 Haymarket Terrace, Edinburgh EH12 5LQ, Scotland (4.00 pounds).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Adult Basic Education, Adult Education, Adult Literacy, *Basic Skills, *Corporate Education, Foreign Countries, Illiteracy, *Industrial Training, *Inplant Programs, Labor Force Development, Literacy Education, Nonschool Educational Programs, On the Job Training, Refresher Courses, *Retraining, Staff Development

Identifiers—*Scotland
Workplace education (WPE) has a significant role to play in solving basic skills problems and in other training requirements. In addition to the benefit of a more able, adaptable work force, WPE leads to more contented workers, encouraged by better employment opportunities. In addition, employees benefit by being more confident both within the workplace and beyond it. Trade unions benefit from a better educated membership, more able to take a full part in industrial relations. Principles of WPE are set out in the International Labour Organisation

Convention 140, adopted by Britain in 1975. Italy, Sweden, Belgium, and Canada all have experience with WPE. Scotland, which launched its first WPE scheme—the Lothian WPE pilot—in 1988, lags behind the rest of Europe. A survey of employees conducted by the Scottish Community Education Council has discovered a high incidence of basic skills problems and a real desire among employees for a second chance at education through provision of WPE at their place of work. Some models that might be adapted to suit Scottish business and industry are described: they are the Sheffield (England) City Council's Take Ten Scheme; Ford Motor Company's Employee Development and Assistance Program; The Frontier College (Canada) Workplace Tuition Program; and Italy's 150-hour WPE scheme. (YLB)

ED 327 690 CE 056 726

Browning, Genia Linn, Pamela
Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s.

Further Education Unit, London (England).

Report No.—ISBN-1-85338-146-2

Pub Date—89

Note—37p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Action Research, Adult Education, Age Discrimination, Community Education, *Dislocated Workers, Displaced Homemakers, Foreign Countries, Job Placement, Job Skills, Job Training, *Middle Aged Adults, *Nontraditional Education, *Nontraditional Students, Postsecondary Education, *Retraining, Self Esteem, *Tourism, Unemployment

Identifiers—*England (London)
A project was designed to assist older unemployed people in London, England, with the transition to education, vocational training, and employment. The project involved the development of a local tourist guide course at Thames Polytechnic (England), the accreditation of this course, and employment of some of the participants as local tourist guides. A survey that received 24 responses (of 285 questionnaires) and interviews with 11 unemployed adults identified the education, training, and leisure interests of people over 40. The tourist guide course was developed by the polytechnic's continuing education unit in cooperation with the borough of Greenwich (England). The main issues arising from the project were: (1) the cultural and economic problems of transition from paid work to unemployment and then to education; (2) the attitudes of employers toward older unemployed adults; and (3) how education can best prepare adults for paid work. It was recommended that: (1) educational providers should use a range of strategies and programs for older people; (2) providers should study the age profiles of their students and the target population; and (3) providers should keep abreast of forthcoming or recent layoffs in the community. (NLA)

ED 327 691 CE 056 736

Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education.

Hampden County Employment and Training Consortium, Springfield, MA.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—23 Jan 91

Contract—V199A90013-89

Note—270p.; Parts of the document will not reproduce well due to broken type. For related research reports, see CE 056 802-803. A Machine Action Project (MAP).

Pub Type—Reports - Descriptive (141) — Reports - Evaluative (142) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC11 Plus Postage.

Descriptors—*Access to Education, Auto Mechanics, Computer Assisted Manufacturing, Conference Proceedings, Conferences, *Coordination, Curriculum Development, Demonstration Programs, *Educational Cooperation, Electricity, Electronics, Graphic Arts, *Job Training, Machine Repairs, Machine Tools, Machinists, Material Development, Metal Working, *Numerical Control, Pretests Posttests, Printing, Program Evaluation, Spanish, *Technology, Vocational Education

Identifiers—Massachusetts (Hampden County),

Partnerships in Education

These materials have been developed by Project CREATE (Cooperative Resources to Enhance Access to Jobs through Technical Education), a demonstration program designed to develop a network, specific activities, and resources that would provide education and support services to a wide audience. A 13-page final report describes the hands-on training in metalworking, automotive repair, printing and graphics, and computerized numerical control (CNC); resource, curriculum, and staff development; skills assessment survey; and conference activities. These training materials were provided in the document: training course outlines for automotive, machining, and printing/graphic arts; evaluation forms and data tables; and automotive pretests, posttests, chapter tests, and answer keys in English and Spanish. These resources follow: Coordinated Training Agreements in metalworking and printing; skills survey for printing, automotive, and machining trades in English/Spanish; and copies of the newsletter, ACCESS. The next section contains the report of the conference, "Opening Doors in the Nineties: Workers, Skills, and Diversity," which brought together over 125 representatives from education, employment and training, government, community-based organizations, labor, and industry. Included in the document is an independent evaluation that sees the value of the project as a model for a community-based institution that coordinates and provides leadership in the area of vocational training. A curriculum for CNC repair is also provided. (YLB)

ED 327 692 CE 056 741

ALBSU: Adult Literacy & Basic Skills Unit Newsletter, Nos. 36-39.

Adult Literacy and Basic Skills Unit, London (England).

Report No.—ISSN-0260-5104

Pub Date—90

Note—66p.

Journal Cit—ALBSU: Adult Literacy & Basic Skills Unit; n36-39 Win-Aut 1990

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Adult Basic Education, *Adult Learning, *Adult Literacy, Classroom Techniques, Educational Philosophy, *Educational Practices, *English (Second Language), Foreign Countries, *Literacy Education, Program Development, Second Language Instruction, *Teaching Methods

Identifiers—*England, Numeracy

The four 1990 issues of the Adult Literacy and Basic Skills Unit (ALBSU) Newsletter are gathered in this packet. The newsletters are published quarterly by the ALBSU for persons teaching in adult literacy; English as a Second Language, and basic skills programs; for persons responsible for funding and organizing such programs; and for those who are generally interested in these areas. The following articles are found in the Winter 1990 edition: "The Shape of Things to Come?"; "Link into Learning"; "The Literacy Gap"; "The Problems of the Long-Term Student"; and "Initial Assessment in Employment Training." The Spring edition contains these articles: "Stanley and Iris—Hollywood Discovers Literacy"; "Numeracy in the Basic Skills Accreditation Initiative"; "Genre and Process"; "Basic Education Support in an FE (Further Education) Setting"; and "Kenneth Brooksbank." The Summer edition contains the following: "Setting the Agenda in the 1990s"; "Learning to Learn in Adult Basic Education"; "Literacy in Bhopal"; "Training and Enterprise Councils and Adult Basic Education"; and "English for Speakers of Other Languages: Mixed Ability Groups." In the Autumn issue are these articles: "Expanding Provision—Improving Practice"; "Assessing Bilingual Adults for Training"; "Reading Aloud—or Not?"; "The Inprint Initiative"; and "ILY (International Literacy Year) in Xiamen." All four issues also contain book reviews and short news items. (KC)

ED 327 693 CE 056 745

Industrial Automation Mechanic Model Curriculum Project, Final Report.

Toledo Public Schools, Ohio.
Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—90

Contract—V199A90063

Note—453p.

Pub Type—Reports - Descriptive (141) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC19 Plus Postage.
Descriptors—*Automation, Behavioral Objectives, Competency Based Education, Cooperative Programs, Curriculum Development, Demonstration Programs, *Fluid Mechanics, High Schools, Industrial Education, Instructional Materials, Learning Activities, Learning Modules, *Machine Tools, Manufacturing, Material Development, Mechanical Equipment, *Mechanics (Process), *Metal Working, Welding
Identifiers—Partnerships in Education

This document describes a demonstration program that developed secondary level competency-based instructional materials for industrial automation mechanics. Program activities included task list compilation, instructional materials research, learning activity packet (LAP) development, construction of lab elements, system implementation, certification test development and piloting, replication, and third-party evaluation. Following the seven-page final report, appendix I contains these materials: junior course outline and task list; senior course outline; staff information; floor plan and equipment list; and evaluation report. Appendix II contains key segments of the LAPs developed, which consist of lab activities, instructional aids, and support materials developed for the task list. Tasks are divided into these content areas: fluid power (tube line fabrication, pneumatics, hydraulic pumps, hydraulic valves, actuators, hydraulic circuits); mechanical power (bearings, clutches and brakes, couplings, fasteners, gears, v-belts and chains); machining (bench metals, lathe, vertical mill, horizontal mill, surface grinding, broaching); and metal fabrication (sheet metal, welding, oxy-acetylene welding, shield metal arc welding, metal inert gas welding, tungsten inert gas welding). Each content area consists of 17 to 35 LAPs. Components of each LAP include performance objective, tasks, references, time range, and handouts. (YLB)

ED 327 694 **CE 056 747**
Computer Speech Devices for Adult Literacy Skills. Final Report.
 Saint Paul Technology for Literacy Center, MN.
 Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.
 Pub Date—20 Mar 90
 Contract—V191A80004
 Note—62p.
 Pub Type—Reports - Descriptive (141) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Adult Basic Education, *Adult Literacy, *Artificial Speech, Audiovisual Instruction, *Computer Assisted Instruction, *Courseware, Decoding (Reading), Material Development, Pronunciation, Reading Instruction, Syllables, *Word Recognition, Word Study Skills
Identifiers—Word Attack Skills

A project titled "Word of Mouth" was conducted to develop and evaluate model computer courseware to teach word attack skills to adult basic education students. The project was based on the use of multiple strategies to figure out unknown words, the importance of breaking down multisyllabic words, and the necessity of the use of audio in word attack instruction. Three prototype modules with audio input and output capability were developed, featuring use of context, word parts, and spelling patterns or syllabification skills. A Macintosh computer, a MacRecorder sound system, and Telex headphones with microphone were selected. Analysis of pretests and posttests from 50 students at 2 adult literacy sites, as well as comments from participants in the development of courseware, showed that students were enthusiastic about the use of computerized speech in instruction and made significant gains in word attack skills. (Appendices provide participant comments, learners' and administrators' copies of pretests and posttests, and two articles about the program.) (KC)

ED 327 695 **CE 056 752**
Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report.
 Cecil Community Coll., Elkton, MD.
 Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.
 Pub Date—90
 Contract—V199A90080
 Note—58p.; Photocopies of newspaper articles may not reproduce well.
 Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Access to Education, *Carpentry, *College Programs, Community Colleges, *Cooperative Programs, Demonstration Programs, *Driver Education, Education Work Relationship, Females, Finishing, Institutional Cooperation, Minority Groups, Motor Vehicles, Nontraditional Occupations, *On the Job Training, Outcomes of Education, Program Effectiveness, *School Business Relationship, Two Year Colleges, Work Experience Programs
Identifiers—*Partnerships in Education, Truck Drivers

A cooperative demonstration project between Cecil Community College (Maryland) and corporate partners developed four model vocational training programs in basic carpentry skills, basic dry wall/finishing skills, straight truck driver training, and tractor trailer driver training. The objective of the project was to improve access to vocational education for adults, women seeking nontraditional employment, and minorities in the local area. The college provided classroom instruction and supervised work experience on the job with the corporate partners; the corporate partners provided capital equipment and staff to facilitate on-the-job training. Corporate partners were involved in the selection of trainees. Ninety-nine students enrolled in the four courses. More than 82% of them completed the courses and 81.7% of the completers were placed in unsubsidized employment either with the corporate partners or with other firms. The placement rate was about 15 percent lower than original goals because of a downturn in the economy and corporate reorganizations. (Curriculum outlines for the courses and news articles are included in the report.) (KC)

ED 327 696 **CE 056 753**
Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report.
 Pennsylvania State Univ., University Park. Inst. for the Study of Adult Literacy.
 Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.
 Pub Date—Jul 90
 Contract—V191A80017
 Note—149p.
 Pub Type—Reports - Research (143)
EDRS Price - MF01/PC06 Plus Postage.
Descriptors—Adult Basic Education, *Adult Literacy, Artificial Speech, *Computer Assisted Instruction, *Computer Assisted Instruction, *Courseware, Dislocated Workers, Literacy Education, *Middle Aged Adults, Outcomes of Education, Sight Method, Teaching Methods, *Tutoring, *Writing Instruction

Identifiers—Workplace Literacy
 A project was developed to teach literacy to adult students over 40 years old, using job-related materials in a computer-assisted approach with volunteer tutors. The project used the Penn State Adult Literacy Courseware, consisting of six computer-based modules and an Apple IIIGS microcomputer. Volunteer teachers already working with adult students at the test site were recruited for participation in the project and trained in using the courseware. Adult students reading at a sixth-grade level or below who were unemployed or underemployed were targeted for the program. Tutors helped students work on modules that met their needs and interests. Throughout the project and at the end, 13 students and 14 tutors were asked about their attitudes and impressions of the project. Evaluation indicated that tutors and students showed positive attitudes and interest in the courseware. Many volunteer tutors were able to use the computers and courseware with their students by the end of the project, and students showed gains in reading and writing ability. Many student/tutor pairs were still working with the computers/courseware at the end of the project and planned to continue. The project proved, however, that learning to use computers takes time as well as support for tutors and students. (Sixteen appendices contain responses to the student attitude, student closeout, tutor attitude, and tutor closeout surveys; tutor guidelines; a 29-page program manual; a 35-page tutor's guide to the courseware; responses to the advisory board questionnaire; and guidelines for creating courseware lessons.) (KC)

ED 327 697 **CE 056 754**
A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report.
 Indiana Opportunities Industrialization Center of

America State Council, Indianapolis.
 Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.
 Pub Date—28 Sep 90
 Contract—V191A80006

Note—57p.; Handwritten participant comments will not reproduce well.
 Pub Type—Reports - Evaluative (142)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Adult Basic Education, Adult Learning, Adult Literacy, Adult Students, Cognitive Style, *Computer Assisted Instruction, *Conventional Instruction, Disadvantaged, Instructional Effectiveness, *Literacy Education, *Outcomes of Education, Program Effectiveness, Teaching Methods
Identifiers—Indiana (Indianapolis), Indiana (Richmond)

A study measured the effectiveness of traditional classroom instruction versus computer-assisted instruction (CAI) in raising the competency levels of adults enrolled in adult basic education (ABE) classes one grade level for each 80 hours of instruction. Classes were conducted in Indianapolis and Richmond, Indiana, from November 1988 to April 1990. Target population for the study was economically disadvantaged adults, predominantly female, aged 17 to 67; 50 of 149 students completed the program and were compared for the study. Evaluation methodology included classroom observation, student surveys and interviews, reviews of instructional records and materials, joint site meetings, and interviews of project administrators. Testing was conducted upon entry, at 30-day intervals, and upon exit. The overall average grade level gain for all study completers was 2.2 grades at Indianapolis and 1.96 at Richmond. The overall average grade gain for CAI students was 2.6 grades compared with an average of 1.84 grades for non-CAI students. Older students made greater progress and dropped out less frequently than younger students. According to the study, the major strength of CAI was that students could monitor their own progress and affirm their mastery of skills. The traditional classroom approach often brought back earlier negative experiences for students, although instructors in both classrooms were empathetic and supportive. The study concluded that CAI works well with this population, particularly when there is an appropriate range of software. (KC)

ED 327 698 **CE 056 755**
Tractor Trailer Driver's Training Programs. Performance Report.
 New Hampshire Vocational Technical Coll., Nashua.
 Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.
 Pub Date—Sep 90
 Contract—V199A90082
 Note—544p.

Pub Type—Reports - Descriptive (141) — Guides - Classroom - Teacher (052)
EDRS Price - MF02/PC22 Plus Postage.
Descriptors—Achievement Tests, *Adult Vocational Education, Behavioral Objectives, Course Descriptions, Curriculum Development, *Driver Education, Instructional Materials, Job Training, Material Development, Postsecondary Education, Program Development, Program Implementation, *Refresher Courses, *Retraining, *Service Vehicles, Service Workers, Traffic Safety
Identifiers—*Truck Drivers

This document describes a project to develop a 320-hour tractor trailer driver training program and a 20-hour commercial driver licensing upgrade training program. Of 34 graduates from the training program, 28 secured employment in the trucking industry. From August 1989 to June 1990, 725 students were trained in the upgrade training program with a 100 percent success rate on the National License examination. The five-page project report is followed by the program materials. The training program consists of two sessions. Session I covers laws; double and triple trailers; tank vehicles; and hazardous materials. Session II covers hazardous materials. The retraining program consists of four sessions. Session I covers law; control systems; basic control; shifting; backing; and speed management. Session II topics are visual search; communication; space management; right operation; extreme driving conditions; and hazard perception. Session III topics are pretrip and posttrip; air brakes; skid control and recovery; emergency maneuvers; and emergency reporting. Session IV covers cargo inspection; weights and balances; securing cargo; special cargo;

combination vehicles; and curricula overview. Each session concludes with test-taking skills and a proficiency test with answer key. Each topic consists of some or all of these components: objectives; topic outline or information; and techniques/procedures and activities. (YLB)

ED 327 699 CE 056 760

Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report.
Idaho State Dept. of Education, Boise. Div. of Vocational Education.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90141

Note—678p.; Photographs will not reproduce well.
Pub Type—Reports - Descriptive (141) — Guides - Classroom - Teacher (052)

EDRS Price - MF04/PC28 Plus Postage.

Descriptors—Access to Education, *Apprenticeships, *Building Trades, *Construction (Process), *Cooperative Programs, Curriculum Development, Driver Education, Employment Potential, Females, Job Skills, *Mining, Minority Groups, On the Job Training, Postsecondary Education, Program Development, Program Effectiveness, *School Business Relationship, Work Experience Programs

Identifiers—*Idaho, Truck Drivers

A project was conducted in Idaho to develop, implement, evaluate, and disseminate a cooperative construction and mining training program to provide preapprenticeship training in construction trades, equipment operation and construction truck driving, apprenticeship-related instruction, and classes in more technical areas for journeyworker upgrading. The cooperative program was a joint effort between the Consortium of Area Vocational Education Schools (CAVES), Associated General Contractors (AGC), Bureau of Apprenticeship and Training (BAT), and mining companies in Idaho. During the project, preapprenticeship programs particularly for females and minority groups in equipment operation and/or construction truck driving were provided; preapprentices were given related instruction in the five basic construction trades; and related instruction for mining apprentices and upgrade classes for journey construction workers in technical areas were developed. The project served more than 700 participants. (Curriculum guides developed for the courses constitute the largest part of this report.) (KC)

ED 327 700 CE 056 762

Engelbrecht, Nancy And Others

Place Value. Fundamentals of Occupational Mathematics. Module 1.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—11p.; For related modules, see CE 056 763-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, Community Colleges, *Decimal Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, Number Concepts, *Numbers, Pacing, *Place Value, Two Year Colleges, Vocational Education

Identifiers—*Job Related Mathematics

This module is the first in a series of 12 learning modules designed to teach occupational mathematics. Designed for improving machine shop technology skills, this module begins with an introduction to the topic. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include digits, place value, and decimals. (YLB)

ED 327 701 CE 056 763

Engelbrecht, Nancy And Others

Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—10p.; For related modules, see CE 056 762-773.

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Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, Community Colleges, *Decimal Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, *Measurement, Number Concepts, Numbers, Pacing, Two Year Colleges, Vocational Education

Identifiers—*Job Related Mathematics, *Precision (Mathematics)

This module is the second in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include rounding off, precision of measurement, and the concept of least precise measurement. (YLB)

ED 327 702 CE 056 764

Engelbrecht, Nancy And Others

Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—13p.; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Addition, Arithmetic, *Calculators, Community Colleges, *Decimal Fractions, Individualized Instruction, Learning Modules, Mathematical Applications, *Mathematics Instruction, Measurement, Number Concepts, Pacing, Two Year Colleges, Vocational Education, *Word Problems (Mathematics)

Identifiers—*Job Related Mathematics, *Precision (Mathematics)

This module is the third in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include calculator addition, adding measurements of different levels of precision, and word problems. (YLB)

ED 327 703 CE 056 765

Engelbrecht, Nancy And Others

Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—14p.; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, *Calculators, Community Colleges, *Decimal Fractions, Individualized Instruction, Learning Modules, Mathematical Applications, *Mathematics Instruction, Measurement, Number Concepts, Pacing, *Subtraction, Two Year Colleges, Vocational Education, *Word Problems (Mathematics)

Identifiers—*Job Related Mathematics, *Order of Operations (Mathematics)

This module is the fourth in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include calculator subtraction, order of operations, and subtraction of measurements. (YLB)

ED 327 704 CE 056 766

Engelbrecht, Nancy And Others

Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—16p.; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, *Calculators, Community Colleges, *Decimal Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, Measurement, *Multiplication, *Number Concepts, Pacing, Two Year Colleges, Vocational Education, Word Problems (Mathematics)

Identifiers—*Job Related Mathematics

This module is the fifth in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include calculator multiplication of decimals, multiplication of measurements, significant digits, and accuracy of a measurement. (YLB)

ED 327 705 CE 056 767

Engelbrecht, Nancy And Others

Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—15p.; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, *Calculators, Community Colleges, *Decimal Fractions, *Division, Individualized Instruction, Learning Modules, Mathematical Applications, *Mathematics Instruction, Measurement, Number Concepts, Numbers, Pacing, Two Year Colleges, Vocational Education, *Word Problems (Mathematics)

Identifiers—*Job Related Mathematics

This module is the sixth in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include calculator division, mixed number fractions, division of measurements, fraction to decimal conversion, rules of accuracy, and word problems. (YLB)

ED 327 706 CE 056 768

Engelbrecht, Nancy And Others

Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—17p.; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, *Calculators, Community Colleges, Decimal Fractions, *Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, Measurement, Number Concepts, Pacing, Two Year Colleges, Vocational Education

Identifiers—*Job Related Mathematics

This module is the seventh in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include fractions, fraction to decimal conversion, reducing and raising fractions, measurement, mixed numbers, and improper fractions. (YLB)

ED 327 707 CE 056 769

Engelbrecht, Nancy And Others

Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.

Central Community Coll., Grand Island, NE.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—22p.; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, Community Colleges, Individualized Instruction, Learning Modules,

14 Document Resumes

*Mathematical Applications, *Mathematics Instruction, Number Concepts, Numbers, Pacing, *Ratios (Mathematics), Two Year Colleges, Vocational Education, *Word Problems (Mathematics)

Identifiers—*Job Related Mathematics, *Rate (Mathematics)

This module is the eighth in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include comparison of numbers, pure numbers, denominate numbers, ratios, rates, proportions, and word problems. (YLB)

ED 327 708 CE 056 770

Engelbrecht, Nancy And Others

Measurement Conversions: English and Metric Systems. Fundamentals of Occupational Mathematics. Module 9.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—22p; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, Community Colleges, Decimal Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, *Measurement, *Metric System, Number Concepts, Pacing, Two Year Colleges, Vocational Education

Identifiers—*Job Related Mathematics

This module is the ninth in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include measurement conversions, the English system of weights and measures, and the metric system. (YLB)

ED 327 709 CE 056 771

Engelbrecht, Nancy And Others

More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—12p; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, Community Colleges, Decimal Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, *Measurement, *Metric System, Number Concepts, Pacing, Two Year Colleges, Vocational Education, *Volume (Mathematics), *Weight (Mass)

Identifiers—*Job Related Mathematics

This module is the 10th in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include the metric concepts of mass, weight, and volume capacity and problem solving with these metric units. (YLB)

ED 327 710 CE 056 772

Engelbrecht, Nancy And Others

Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—17p; For related modules, see CE 056 762-773.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, *Calculators, Community Colleges, *Decimal Fractions, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, *Multi-

plication, Number Concepts, Numbers, Pacing, Two Year Colleges, Vocational Education

Identifiers—*Job Related Mathematics, *Square Roots

This module is the 11th in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include multiplication, powers, calculator use, and roots. (YLB)

ED 327 711 CE 056 773

Engelbrecht, Nancy And Others

Order of Operations. Fundamentals of Occupational Mathematics. Module 12.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—16p; For related modules, see CE 056 762-772.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Arithmetic, *Calculators, Community Colleges, Individualized Instruction, Learning Modules, *Mathematical Applications, *Mathematics Instruction, Number Concepts, Numbers, Pacing, Two Year Colleges, Vocational Education

Identifiers—*Job Related Mathematics, *Order of Operations (Mathematics)

This module is the 12th in a series of 12 learning modules designed to teach occupational mathematics. Blocks of informative material and rules are followed by examples and practice problems. The solutions to the practice problems are found at the end of the module. Specific topics covered include order of operations, grouping, and use of the calculator. (YLB)

ED 327 712 CE 056 774

Engelbrecht, Nancy And Others

Orientation to Machine Shop, Safety, Machine Identification, Metal Identification.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—26p; For related documents, see CE 056 775-778. Photographs will not reproduce well.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Community Colleges, Instructional Materials, Job Skills, Machine Tool Operators, *Machine Tools, *Manufacturing Industry, Mechanical Equipment, *Metals, *Metal Working, *Occupational Safety and Health, Safety Equipment, Trade and Industrial Education, Two Year Colleges

These instructional materials provide an orientation to the machine shop for use at the postsecondary level. The first of three sections discusses four important areas of safety: (1) personal safety; (2) safety procedures; (3) safe work practices; and (4) fire prevention. The second section identifies and describes the general purposes of 12 machines. Photographs are provided of each machine. The third section identifies common metals and their machinable characteristics. The four modern industrial metals outlined are: (1) ferrous metals; (2) nonferrous metals; and (3) high temperature and rare metals. A quiz and separate answer sheet are included after each section. (NLA)

ED 327 713 CE 056 775

Engelbrecht, Nancy And Others

Drill Presses.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—51p; For related documents, see CE 056 774-778.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Community Colleges, Instructional Materials, Job Skills, *Machinery Industry, Machine Tool Operators, *Machine Tools, Mechanical Equipment, *Occupational Safety and Health, Safety Equipment, Trade and Industrial Education, Two Year Colleges

Identifiers—*Drilling Tools

These instructional materials provide an orientation to the drill press for use at the postsecondary level. The first of seven sections lists seven types of drill presses. The second section identifies 14 drill press parts. The third section lists 21 rules for safe use of drilling machines. The fourth section identifies the six procedures for proper care and maintenance of the drill press. The fifth section lists 14 workholding and setup devices. The sixth section, on drill press operation, contains the following parts: (1) terms and definitions for safe operation; (2) operations that can be performed; (3) seven cutting tools used (illustrations included); (4) cutting speeds and determination of speeds (information sheet provided); (5) types of drill press spindle drives; and (6) types of coolants. The seventh section outlines four drill press activities. Tools and equipment, procedures, and schematics are provided for each activity. Figures are provided throughout text. A quiz and separate answer sheets are included at the end of this guide. (NLA)

ED 327 714 CE 056 776

Engelbrecht, Nancy And Others

Hydraulics.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—80p; For related documents, see CE 056 774-778.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Community Colleges, Engines, *Fluid Mechanics, *Hydraulics, Instructional Materials, Job Skills, *Occupational Safety and Health, *Power Technology, Safety Equipment, Trade and Industrial Education, Two Year Colleges

These instructional materials provide an orientation to hydraulics for use at the postsecondary level. The first of 12 sections presents an introduction to hydraulics, including discussion of principles of liquids, definitions, liquid flow, the two types of hydraulic fluids, pressure gauges, and strainers and filters. The second section identifies and describes three types and three functions of accumulators. The third section covers the functions and size of reservoirs. The fourth section outlines pump classifications, types of pumps, and nine rating and selection factors. The fifth section reviews hydraulic piping, tubing, and requirements for line selection. The sixth section describes directional control valves. The seventh section describes check valve functions and pilot-operated check valves. The eighth section presents types of pressure control valves. The ninth section covers pilot-operated pressure control valves. The 10th section explores flow control valves. The 11th section describes cylinders: elements, types, types of construction and mounting; selection; and cushioning. The last section reviews the three types of hydraulic motors, eight rating and selection factors of motors, and seven types of rotary actuators. Examples are provided for each section of the guide. A quiz is included at the end of each section, except section nine. Answers to all of the quizzes are found at the end of the guide. (NLA)

ED 327 715 CE 056 777

Engelbrecht, Nancy And Others

Pedestal Grinder.

Central Community Coll., Grand Island, NE. Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—26p; For related documents, see CE 056 774-778.

Pub Type—Guides - Classroom - Learner (051) EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Community Colleges, Instructional Materials, Job Skills, Machine Tool Operators, *Machine Tools, *Manufacturing Industry, Mechanical Equipment, *Occupational Safety and Health, Safety Equipment, Trade and Industrial Education, Two Year Colleges

Identifiers—*Drilling Tools

These instructional materials provide an orientation to the pedestal grinder for use at the postsecondary level. The first of eight sections defines 14 important terms. The second section outlines 16 rules for safe use of the pedestal grinder. The third section covers grinding wheels for five different

types of materials. The fourth section outlines five different compositions of grinding wheels. The fifth section reviews factors in the care and storage of grinding wheels. The sixth section describes grinding problems, possible causes, and suggested corrections. The seventh section reviews five pedestal grinder operations. The eighth section outlines the following pedestal grinder activities: (1) check new grinding wheel for cracks; (2) replace grinding wheel; (3) dress grinding; (4) grind high speed tool bit; and (5) grind drill bit. Tools, equipment, and procedures lists are provided for each activity. Illustrations are provided throughout the text. A quiz is included after the sixth section. The answer sheet is included at the end of this guide. (NLA)

ED 327 716 CE 056 778

Engelbrecht, Nancy. *And Others*
Pneumatics.

Central Community Coll., Grand Island, NE.
Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—[90]

Contract—V199A90067

Note—61p.; For related documents, see CE 056 774-777.

Pub Type—Guides - Classroom - Learner (051)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Behavioral Objectives, Community Colleges, Construction (Process), *Course Content, *Learning Activities, Lesson Plans, Measurement Equipment, Occupational Safety and Health, Plumbing, *Pressure (Physics), Repair, Test Items, Two Year Colleges, Units of Study
Identifiers—*Pneumatics

This unit on pneumatics, for use in postsecondary programs, is organized in eight sections. Each section consists of information sheets with line drawings and multiple-choice questions for each topic in the sections. Answers are provided at the back of the book. The following topics are covered: (1) introduction—pressure, principles of gases, uses of pneumatics; (2) safety; (3) compressors; (4) air treatment; (5) pneumatic piping systems; (6) pneumatic valves; (7) cylinders; and (8) miscellaneous valves/air logic and diagrams. Knowledge-based competency objectives are provided for each topic. (KC)

ED 327 717 CE 056 800

Daniels, C. E. J.

PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training.

Pub Date—2 Dec 90

Note—46p.; Paper presented at the American Vocational Association Convention (Cincinnati, OH, December 2, 1990). Document contains some broken type.

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adult Education, *Continuing Education, Distance Education, *Educational Quality, Foreign Countries, Job Training, *Labor Force Development, National Programs, Postsecondary Education, *Refresher Courses, *Retraining, School Business Relationship, Skill Development, Skill Obsolescence, Technical Institutes, *Vocational Education
Identifiers—*PICKUP Wales (United Kingdom), *Wales

The Professional, Industrial, and Commercial Updating Programme (PICKUP) of the United Kingdom is aimed at improving the performance of British industry through the colleges. In Wales, PICKUP is part of the Welsh Office Education Department. Various factors have encouraged educational institutions to take on PICKUP work: the Education Reform Act of 1988, which provides institutions with greater autonomy and self-determination; the networking of the PICKUP Development Agents and coordinators; and pump-priming monies. The 45 colleges in Wales vary greatly in their philosophy and experience regarding PICKUP work. In a few institutions, PICKUP is part of the work of every department. In some, it is limited to one or two departments or individuals. The university, higher education, and further education sectors all provide PICKUP updating in Wales. Further education colleges undertake most PICKUP work. Since Wales is essentially rural, diversification of rural industries has created a need for updating in new areas, such as tourism, horse management, and food preparation. (Examples of rural projects, development projects, and projects concerned with quality; a list of projects by

college; and a list of seven references are attached.) (YLB)

ED 327 718 CE 056 802

Warner, Heather

Access, Equity, and Opportunity. Women in Machining: A Model Program.

Hampden County Employment and Training Consortium, Springfield, MA.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—Sep 89

Contract—V199A90013-89

Note—26p.; For related documents, see CE 056 736 and CE 056 803. Funded with a grant from the Massachusetts Industrial Services Program.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adult Vocational Education, *Ancillary School Services, Day Care, Demonstration Programs, Educational Opportunities, Employed Women, *Equal Education, *Equal Opportunities (Jobs), Job Training, *Machinists, *Nontraditional Occupations, Postsecondary Education, Sex Discrimination, Sex Fairness, Student Recruitment, *Trade and Industrial Education, Womens Education
Identifiers—Massachusetts (Hampden County)

The Women in Machining (WIM) program is a Machine Action Project (MAP) initiative that was developed in response to a local skilled metalworking labor shortage, despite a virtual absence of women and people of color from area shops. The project identified post-war stereotypes and other barriers that must be addressed if women are to have an equal opportunity in machining and other skilled trades. Short-term barriers include sex bias in assessment, testing, and counseling; lack of career information; and math or technical anxiety. Support services are essential to eliminate ongoing barriers, such as lack of affordable child care; lack of information about local industry; sexual harassment and discrimination; family opposition; lack of transportation; and financial hardship. To get WIM started, MAP has taken deliberate steps to develop contacts with various sectors of the community and to create materials necessary for active recruitment, including a survey of machine shops to identify machinists who are women and people of color; organization of a Committee on Women in Machining; and establishment of high support services. Program experience suggests recommendations for training providers, employers, labor unions, community organizations, policymakers, and women in the trade to recruit and support women in the workplace. (Lists 13 organizational resources.) (YLB)

ED 327 719 CE 056 803

Heitner, Keri L. *And Others*

What Do Workers Have To Say? Skills & Technological Change.

Hampden County Employment and Training Consortium, Springfield, MA.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—Oct 90

Contract—V199A90013-89

Note—44p.; A Project CREATE/Machine Action Project. For related documents, see CE 056 736 and CE 056 802.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Auto Mechanics, *Basic Skills, Continuing Education, Education Work Relationship, *Employee Attitudes, Employment Qualifications, *Futures (of Society), Graphic Arts, *Job Skills, Machine Tools, Machinists, Metal Working, Occupational Information, Postsecondary Education, Printing, Refresher Courses, Retraining, Secondary Education, *Skilled Occupations, Skilled Workers, *Technological Advancement, Trade and Industrial Education, Work Environment

Identifiers—Massachusetts (Hampden County), Massachusetts (Hampshire County)

A survey examined workers' perspectives on skills usage and the effects of technological change in the workplace, specifically in three trades: metalworking machining, automotive repair, and graphic arts/printing. Responses to interview questions asked during site visits to shops in Hampden and Hampshire Counties (Massachusetts) were incorporated into the survey design and content. A total of 209 surveys from respondents in participating shops employing under 100 production workers or line personnel were analyzed. Findings showed that a

majority of workers across all three trade areas indicated more or much more usage of high technology skills (computer data entry, operation of computer controlled machinery, computer programming) in the year 2000. Workers affirmed that changes in technology will require greater math usage and greater usage and higher levels of reading skills on the job. The majority had attended at least one upgrading course and strongly agreed that they wanted to advance their skills. Most saw usage of problem-solving skills increasing. Recommendations for policy changes focused on the importance of basic skills; importance of technical skills; curriculum restructuring; worker participation in training design; equity and access issues; and development of apprenticeship models. Issues requiring further research were raised. (23 references; 17 tables; 5 graphs) (YLB)

ED 327 720 CE 056 805

Vocational Education: The Issue Is Access.

Northern Illinois Univ., De Kalb. Office for Vocational, Technical, and Career Education.

Spons Agency—Illinois State Board of Education, Springfield. Dept. of Adult, Vocational and Technical Education.

Report No.—OT-IO-690

Pub Date—Apr 89

Note—45p.; Product of the Project "Change, Technology and Vocational Education."

Pub Type—Collected Works - General (020) — Information Analyses (070) — Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Access to Education, *Administrator Attitudes, Articulation (Education), *Career Counseling, Community Colleges, Counselor Role, Delivery Systems, Educational Finance, *Educational Policy, Educational Technology, *Equal Education, Excellence in Education, Experiential Learning, High Schools, Inservice Teacher Education, Marketing, Parent Participation, Program Content, Special Needs Students, Two Year Colleges, *Vocational Education, Vocational Education Teachers

This monograph is a follow-up to a comprehensive study of education for employment that examined how successfully individuals were being prepared for employment by vocational education, career education, and adult education. Three goals surfaced from the study: enhancing quality, increasing effectiveness, and assuring access to vocational education for youth and adults. Of these goals, the issue of access is less often the focus of attention. The purpose of this monograph is to generate a clearer understanding of the issue of access as it relates to vocational education. The authors of the four sections present the following viewpoints on access to vocational education: "Knowledge, Programs, and Equity" (John Washburn); "A Community College Perspective" (Larry Johansen); "A Guidance Counselor's Perspective" (Kathy Dangler); and "A Local Administrator's Perspective" (Joel Schneider). Each section includes a summary and references. The third section also includes an appendix listing 15 research statements regarding the involvement of guidance. (NLA)

ED 327 721 CE 056 807

Lankard, Bettina

Case Management of Adolescents with Chronic Disease.

Ohio State Univ., Columbus. Center on Education and Training for Employment.

Spons Agency—Health Resources and Services Administration (DHHS/PHS), Rockville, MD. Bureau of Maternal and Child Health and Resources Development.

Pub Date—89

Contract—MCJ-009126-01-0

Note—64p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Adolescents, Allied Health Occupations, *Caseworker Approach, Child Health, *Chronic Illness, Community Cooperation, Curriculum Development, *Diabetes, Economic Factors, Equipment Evaluation, Family Health, Health Needs, Health Personnel, *Interdisciplinary Approach, *Medical Case Histories, Medical Services, Nurses, Patient Education, Pediatrics, Physician Patient Relationship, Physicians, Primary Health Care, Social Influences, Training Methods
Identifiers—*DACUM Process

This training guide presents a model for optimum

delivery of the primary duties, tasks, and steps required in the comprehensive case management of adolescents with chronic disease. Using a team approach to coordinated health care, the guide involves the patient and family as key members of the care team along with the physician, nurse, dietitian, psychologist, social worker, and exercise physiologists. The guide offers training to provide medical, educational, and psychosocial support to help adolescents achieve optimal health and successful transitions to adult care. Selected by a team of pediatric endocrinologists in a Develop A Curriculum (DACUM) workshop, the major duties focus on diabetes, but the resulting profile provides a general model for chronic illness. Results from a task verification survey instrument sent to 100 randomly selected members of the American Diabetes Association indicate the professionals' perceived importance of tasks presented relative to training outcomes. Tasks teach how to: (1) maintain contact; (2) provide individualized care; (3) provide education; (4) improve patient's health; (5) ensure appropriate equipment; (6) provide psychological support; (7) address economic and social needs; (8) foster community awareness; (9) maintain professionalism; and (10) keep patient records. Each task is subdivided into competencies. For each competency, performance objectives, person primarily responsible, and steps to achieve the objective are given. Nine references and a separate competency profile are included. (NLA)

ED 327 722 CE 056 809

Osman, Ronald E. And Others

Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48.

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-73-1; ISSN-0111-2422

Pub Date—88

Note—199p.

Pub Type—Reports - Research (143) — Books (010)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—*Adult Dropouts, Adult Education, Business Administration Education, Curriculum Development, *Distance Education, Dropout Attitudes, *Dropout Characteristics, Dropout Rate, *Dropout Research, *Educational Technology, Enrollment Influences, Foreign Countries, Higher Education, Multivariate Analysis, Potential Dropouts, Teacher Guidance, Teacher Student Relationship, Work Attitudes

Identifiers—*New Zealand

The New Zealand Technical Correspondence Institute studied the internal and external factors influencing adult students enrolled in a tertiary-level distance education management course to abandon their studies. A literature review afforded definitions of: (1) distance education; (2) educational technology; and (3) drop out. Although research has been conducted concerning dropouts, little research has been done on dropouts among adult distance learners studying at the tertiary level. An investigation was conducted using an exploratory multivariate analysis. Questionnaire data were collected from 724 respondents. Information collected included job commitments, reasons for enrollment and withdrawal from study, and study and work attitudes. Based on study findings, the following recommendations were made: (1) learners should be given clear expectations prior to study; (2) special assistance should be provided to dropout-prone students; (3) tutors and learners should increase contact; (4) tutors and learners should work together for the class duration; (5) curriculum review and student reinforcement should be constant; (6) student contact should be monitored; (8) participation in study should be flexible; (9) dropouts should be encouraged to re-enroll; and (10) course content should reflect job requirements. (A list of 66 references, appendices containing management course information, the study questionnaire, 27 tables, and 3 figures are provided in the report.) (NLA)

ED 327 723 CE 056 812

Cropley, Russell, Ed. Doherty, Susan Sloan, Ed.

Vocational Education Safety Instruction Manual. Alaska State Dept. of Education, Juneau. Div. of Adult and Vocational Education.

Pub Date—90

Note—241p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC10 Plus Postage.

Descriptors—Accident Prevention, Auto Mechanics, Building Trades, Business Education Facilities, Electronics, Graphic Arts, High Schools, Home Economics, Instructional Materials, Laboratory Equipment, Laboratory Safety, Metal Working, *Occupational Safety and Health, Power Technology, *Program Implementation, *Safety Education, *Safety Equipment, School Safety, Technological Advancement, Trade and Industrial Education, *Vocational Education, Woodworking

This manual describes four program areas in vocational education safety instruction: (1) introduction to a safety program; (2) resources to ensure laboratory safety; (3) safety program implementation; and (4) safety rules and safety tests. The safety rules and tests included in section four are for the most common tools and machines used in vocational education programs. The nine categories of tools and machines are: (1) metal working; (2) woodworking; (3) automotive and power mechanics; (4) electronics and construction electricity; (5) home economics safety; (6) business safety; (7) outdoor safety; (8) graphics communications; and (9) technology. Each section contains specific safety instructions for operating certain equipment and is followed by safety test questions. Illustrations are included throughout the text. Ten appendices include copies of a letter to parents, lab safety pledge, blank test answer sheet, machine use evaluation records, accident report form, lab inspection procedures and checklists, inspection report forms, safety test answers, and 19 references. (NLA)

ED 327 724 CE 056 814

Wagner, Graham, Ed.

Proceedings of the Towards Competency Seminar.

A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988).

New Zealand Council for Educational Research, Wellington; Vocational Training Council, Wellington (New Zealand).

Report No.—ISBN-0-908567-90-1

Pub Date—89

Note—106p.

Pub Type—Collected Works - Proceedings (021) — Reports - Descriptive (141)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Apprenticeships, *Competency Based Education, Curriculum Design, *Curriculum Development, *Educational Needs, Educational Research, Foreign Countries, Higher Education, Job Training, Policy Formation, *Program Evaluation, Secondary Education, Seminars, *Vocational Education

Identifiers—*New Zealand

These proceedings begin with opening remarks that discuss seminar concerns and objectives. These remarks define two concerns: (1) evaluation of the methods of curriculum development and evaluation appropriate for vocational education in New Zealand; and (2) development of guidelines to assist educators to meet the requirements for competency-based education. "Towards Competency" (Phil Goff) and the subsequent comment on the paper discuss the new National Vocational Qualifications Board. Four keynote speeches presented are: "Towards Competency: An Industry View" (Ray Taylor); "The Role of the Policy-maker in Vocational Education and Training" (Catherine Gibson); "Providers" (Teresa K. Royal); and "A Researcher's Viewpoint" (Ian Livingstone). An overview of the keynote speeches follows. Presenters' notes are then provided for eight presentations/workshops on practical applications of competency-based vocational curriculum development and evaluation: "Peer Group Assessment and Competency-Based Training" (Bernice Kelly); "Competency-Based Curricula in Agriculture Training" (Ray Craven); "Competency-Based Education in the Service Sector" (John Olds); "Management of Evaluation" (Mary Boyle); "An Application of Competency-Based Training" (Victor Johnson); "Technology and the Vocational and Academic Curriculum: Methods for Integration and Evaluation" (G. Khan); "Modularisation: Implications and Examples, Competency-Based Learning Programme-Carrington Polytechnic, and Needs-Based Learning on Campus" (Lesley Edgley, Irene Lynch); and "The DACUM Process and Its Application in Developing Competency-Based Training for the Apprenticeship Trades in the Motor Industry" (Nano Morris, Steven Wickens). Participants'

comments follow the first six presentations. The next section summarizes discussion group sessions by outlining the issues reported by the groups. A discussion of the main points or themes arising from the speeches, presentations, and workshops follows. Other contents include closing remarks from various participants; a selection of retrospective views from representative participants; a summary; and lists of the working party and participants. (YLB)

ED 327 725 CE 056 815

Punchhurst, Fay And Others

Dropout in Technician Engineering Courses. An

Exploratory Study of Dropout from New

Zealand Certificate in Engineering Courses.

New Zealand Council for Educational Research,

Wellington.

Report No.—ISBN-0-908567-52-9

Pub Date—86

Note—168p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—*Adult Dropouts, *Dropout Prevention, Dropout Rate, *Dropout Research, Engineering, *Engineering Education, Enrollment Influences, Foreign Countries, Individual Characteristics, Postsecondary Education, Statistical Analysis

Identifiers—*New Zealand

This report describes student technicians who dropped out of postsecondary education courses before qualifying for the New Zealand Certificate of Engineering (NZCE). The exploratory study describes some of the characteristics and progress of the students who dropped out of NZCE studies and investigates the reasons for high dropout among students. The first part of the report focuses on student characteristics and progress as portrayed by records of 5,200 students who dropped out over an 8-year period in the 1970s. Student records contain potential influences on dropouts and student characteristics. This information includes entry qualifications, exemptions, length of study, mode of study, course options, and student registration. The second part of the report presents the more detailed information obtained directly from 267 former students who were followed up in 1981 and 1982. A questionnaire was used to obtain information on the work and study experiences of the students. Case studies of four dropouts are presented. The report concludes with a discussion of the issues that should be considered in planning a more comprehensive study of dropouts. The report includes 26 tables, 12 figures, an appendix listing jobs held while studying, the study questionnaire, and 26 references. (NLA)

ED 327 726 CE 056 816

Gilmore, Alison Wagner, Graham

The Readability of Trade Examinations.

New Zealand Council for Educational Research,

Wellington.

Report No.—ISBN-0-908567-49-9

Pub Date—85

Note—97p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Achievement Tests, Agricultural Education, *Apprenticeships, Auto Mechanics, Cloze Procedure, Cosmetology, *Difficulty Level, Educational Research, Electricians, Farmers, Foreign Countries, Meat Packing Industry, Occupational Home Economics, Postsecondary Education, *Readability, Reading Ability, *Reading Achievement, Reading Comprehension, Secondary Education, Student Certification, *Trade and Industrial Education, Vocational Education, Writing Ability, Writing Achievement, Writing Evaluation

Identifiers—*New Zealand

A 1982 study assessed the comparative reading comprehension levels and writing ability performance of Trades Certification Board (TCB) apprentices in five trades in New Zealand. Test data were collected for 1,389 apprentices and a comparison group of 361 secondary school students. The cloze procedure format was adopted for assessing apprentices' ability to gain information from both general reading material and trade reading material. Overall, for all trades except hairdressing, the ability of apprentices to read extracts from their respective trade materials was lower than their ability to tackle general reading materials. The electrical, farming, and auto engineering course trade materials had significantly lower readability than most retailing materials, which had significantly lower readability than hairdressing materials. Reading and writing

abilities were moderately related. A readability analysis of the 1982 First Qualifying TCB examination papers used comparable samples of 149 apprentices selected from the 1983 intakes. The cloze format was again used. Auto engineering and meat retailing groups had trouble reading their examination papers independently. Examination papers appeared to be very similar in readability, but in practice this penalized some groups. The report includes 43 references and appendices containing study materials, including information on the cloze procedure and sample cloze tests. (YLB)

ED 327 727 CE 056 818

Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546.

Congress of the U.S., Washington, D.C. Senate Committee on Veterans' Affairs.

Report No.—Senate-Hrg-101-941

Pub Date—11 May 90

Note—169p.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Federal Aid, *Federal Legislation, Hearings, Housing, Postsecondary Education, *Program Improvement, *Student Financial Aid, Tuition Grants, Unemployment Insurance, Veterans, *Veterans Education

Identifiers—Congress 101st, Proposed Legislation

This document records the oral and written testimony given at a Senate hearing to discuss proposed legislation changing veterans' benefits in education, employment, and home loan programs. Witnesses included Administration officials, executives of the Veterans Affairs Department, officials of the veterans' programs of the Department of Labor, and representatives of disabled and other veterans' organizations. All were advocates of the proposed legislation. The legislation would raise tuition payments and educational benefits, allow veterans' organizations to provide some educational services and transitional services for veterans leaving military service, increase the length of unemployment benefits to veterans, and improve the Veterans' Administration home loan program to meet current needs. Text of the proposed legislation (S. 2100, Sections 401 and 404(c), Amendment No. 1575 to S. 2100, S. 2483, S. 2484, S. 2537, Amendment No. 1562 to S. 2537, and S. 2546) is included. (KC)

ED 327 728 CE 056 819

Owens, Thomas R. And Others
Issues Surrounding Entry-Level Workers. A Policy Report.

Northwest Policy Center, Seattle, WA.; Northwest Regional Educational Lab., Portland, OR. Education and Work Program.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—20 Nov 90

Note—36p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adult Education, Corporate Education, *Employee Attitudes, Employer Employee Relationship, *Employment Practices, *Entry Workers, Industrial Training, *Innovation, Job Training, *Labor Force Development, Personnel Management, Retraining, Surveys, Work Attitudes

A study examined innovative workplace practices in companies that employ significant numbers of entry-level workers. In Phase 1 of the study, a literature review was undertaken, and interviews were conducted with human resource directors in 58 companies in the Pacific Northwest nominated as exemplary in their work with entry-level workers. Employers reported shortages in numbers of qualified applicants for entry-level positions and concern over basic skills deficiencies. Nine areas of promising practices were identified: employee involvement; child care; family and community concerns; recruiting; training; supervision; motivation; business-education partnerships; and handicapped and special needs employees. Phase 2 consisted of a written survey of entry-level workers in randomly

sampled companies in Hawaii and Oregon. It focused on their views regarding characteristics of today's work force, their perceived training needs, relevance of their high school training, ways to improve workplace quality, and their assessment of the relative importance of various worker benefits. Over 80 percent indicated they liked the place where they worked and got along with supervisors and peers. Recommendations to improve the workplace included improved pay and benefits; different management style; improved teamwork; and improved training. Recommendations were made regarding implementation of promising practices. (Ten references and preliminary findings are appended.) (YLB)

ED 327 729 CE 056 821

Project STARS. 1989-90. OREA Report.

New York City Board of Education, Brooklyn, NY. Office of Research, Evaluation, and Assessment.

Pub Date—90

Note—33p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Administrator Attitudes, Career Education, *Cooperative Programs, Coordination, *Disabilities, High Schools, High School Students, Job Placement, Job Skills, Job Training, Moderate Mental Retardation, Part Time Employment, Program Effectiveness, *Retailing, Sales Occupations, *School Business Relationship, Skill Development, Student Attitudes, *Student Employment, Teacher Attitudes, Vocational Education, *Work Experience Programs

Identifiers—New York City Board of Education, Project STARS

The mission of the Student Training at Retail Stores (STARS) project was to develop and implement, with the collaboration of local business and the New York City Board of Education, a 3-semester program (January 1989 through June 1990) of intense occupational, vocational, and career education. Its purpose was to enhance job skills and secure retail sales jobs for high school juniors with moderate learning, speech, emotional, or intellectual disabilities. Project STARS was implemented at 7 school sites in Queens with 83 students and 7 coordinators. Written surveys collected information from 72 students and 6 coordinators in the fall semester and 73 students in the spring semester on Likert-type scales; coordinators were interviewed in the spring. Findings indicated that Project STARS satisfactorily implemented three program areas: curriculum development, classroom instruction, and workshops. Fall semester students liked the prospect of employment, social support, and knowledge gained. Spring semester students were more pleased with interpersonal relations but less pleased about employment prospects. Fall students suggested more trips and hands-on experiences. Spring students wanted more involvement. More than 94 percent of students reported their level of knowledge and/or self-esteem was positively affected by instruction or workshops. More than 38 percent reported they acquired jobs. (YLB)

ED 327 730 CE 056 822

Profiles of State Programs: Adult Education for the Homeless.

Office of Vocational and Adult Education (ED), Washington, DC. Clearinghouse on Adult Education and Literacy.

Pub Date—Nov 90

Note—57p.; For a related document, see CE 056 823.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Access to Education, *Adult Basic Education, Adult Literacy, *Basic Skills, Economically Disadvantaged, Federal Government, Federal Programs, *Homeless People, Illiteracy, *Literacy Education, Profiles, Program Descriptions, *State Programs

Identifiers—Stewart B McKinney Homeless Assistance Act 1987

These profiles of Adult Education for the Homeless programs funded by the McKinney Homeless Assistance Act are compiled from final reports submitted to the Division of Adult Education and Literacy, U.S. Department of Education, by the 50 states and from site visits by division staff. Data are reported for varying lengths of time for the first year of operation, really a 15-month period beginning in the summer of 1988 and extending to the fall of 1989. An executive summary offers a broad overview of the programs, outcomes, and recommenda-

tions for the future. State information is provided alphabetically by state. The information provided for each state includes some or all of the following: amount of grant expended (and percentage); number served; expenditures per learner; significant achievements; reason for leaving the program; educational techniques; and barriers to success. (YLB)

ED 327 731 CE 056 823

Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless.

Office of Vocational and Adult Education (ED), Washington, DC. Clearinghouse on Adult Education and Literacy.

Pub Date—90

Note—47p.; For a related document, see CE 056 822.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Adult Basic Education, Adult Literacy, Adult Programs, *Basic Skills, Economically Disadvantaged, Federal Aid, Federal Government, Federal Programs, *Homeless People, Housing Needs, Illiteracy, *Literacy Education, *Program Descriptions, Program Development, *State Programs

Identifiers—Stewart B McKinney Homeless Assistance Act 1987

In the first portion of this document, abstracts are given for 30 projects that were designed to provide basic skills and literacy training to homeless adults in fiscal year 1989. The following information is provided for each project: state; grant award number; grantee; project title; project director, telephone number, and address; and descriptive data, including types of homeless adults served, organizations providing the literacy and basic skills training, whether the program was shelter-based, length of training cycle in weeks, number of cycles, total number to be served, cost per learner, grant award amount, grant implementation period, types of support services provided through coordination, and brief description of how the project would provide basic skills and literacy training to homeless adults. The second section provides some basic information on 28 programs that can help the homeless. Purpose, eligible applicants, and contact information is presented for the Emergency Food and Shelter National Board Program; Child Nutrition Program; Surplus Federal Personal Property, Equipment, and Clothing (General Services Administration); Food Bank/Commissary Program (Federal Emergency Management Agency/Department of Defense); 20 McKinney Act Programs; and 4 selected non-McKinney Act programs (of over 60 such programs). (YLB)

ED 327 732 CE 056 826

Peace Corps Aquaculture Training Manual. Training Manual T0057.

Peace Corps, Washington, DC. Information Collection and Exchange Div.

Pub Date—90

Note—324p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC13 Plus Postage.

Descriptors—*Agricultural Production, *Course Content, Curriculum, Developing Nations, Educational Resources, *Fisheries, Foreign Countries, *Learning Activities, Postsecondary Education, Program Implementation, Teaching Methods, Units of Study, Volunteers, *Volunteer Training

Identifiers—*Aquaculture, *Peace Corps

This Peace Corps training manual was developed from two existing manuals to provide a comprehensive training program in fish production for Peace Corps volunteers. The manual encompasses the essential elements of the University of Oklahoma program that has been training volunteers in aquaculture for 25 years. The 22 chapters of the manual are arranged in three sections. Chapters 1-9 introduce the aquaculture training program and provide information on the following: philosophy and methodology, goals and objectives, site requirements, length of training, trainee qualifications and assessment, staff qualifications and training, and summaries of 8- or 10-week training programs and program design considerations. Chapters 10-19 take the instructor through a 10-week program, with Chapter 10 outlining the program and the following chapters providing the training materials for each week of the program. Chapter 20 discusses program evaluation; and recommendations for in-country training. Lists of publications, equipment, and mate-

rials comprise the final two chapters. (KC)

ED 327 733

CE 056 827

Griffiths, Gregory Peter

Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries.

Pub Date—13 Aug 90

Note—172p; M.S. Thesis, New York Institute of Technology.

Pub Type—Dissertations/Theses - Masters Theses (042)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Behavioral Objectives, *Boat Operators, *Lighting, *Maritime Education, Military Personnel, Navigation, Postsecondary Education, Pretests Posttests, Sailing, Seafarers, Teaching Methods, *Training, Volunteers, *Volunteer Training

Identifiers—*Coast Guard, Instructional Systems Development

A project developed a training program to teach boaters to recognize and interpret properly the lights of other vessels in nighttime or other reduced visibility conditions in the inland waters of the United States. The project followed the Instructional Systems Design model in the development of the course. The target population were members of the U.S. Coast Guard Auxiliary interested in participating in surface operations. The training was required by a rewriting of the navigation rules promulgated by the Inland Navigation Rules Act of 1980. The Coast Guard Auxiliaries were trained to recognize the individual components that make up the entire lighting configuration of a vessel and interpret that information. The goal was not merely to memorize 50 or more different lighting configurations, but to be able to analyze the information and develop the overall situation. The instructional method was a guided discussion augmented with models and an application game. All participants passed posttests. (Project documents, including objectives, a study guide, diagrams of lighting configurations, and pretests-posttests, as well as 30 references are included in the report.) (Author/KC)

ED 327 734

CE 056 831

Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How.

Battelle Pacific Northwest Laboratories, Richland, Wash.; Central Washington Univ., Ellensburg; Northwest Regional Educational Lab., Portland, Ore.; Richland School District 400, Wash.

Spons Agency—Department of Energy, Washington, D.C.; Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—Aug 90

Contract—V199A90105

Note—31p; Project also supported by Tri-Cities Area Vocational Administration. For a related document, see CE 056 832.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Ceramics, Cooperative Programs, Curriculum Development, Education Work Relationship, Glass, Industrial Arts, *Industry, *Integrated Curriculum, Metals, Pilot Projects, Polymers, Postsecondary Education, *School Business Relationship, *Science Education, Secondary Education, Technical Occupations, Technological Advancement, *Technology, *Vocational Education

Identifiers—*Materials Technology, Partnerships in Education, Technology Education

A materials science and technology (MST) program was developed at Richland High School (Washington) and pilot tested at seven sites in Washington and Oregon. The program created partnerships between science and vocational education teachers at Richland High and Battelle Pacific Northwest Laboratories, and then was expanded to include other high schools, a college, a university, and other industrial laboratories to train teachers to teach materials technology to students. This document describes the program and its pilot sites, provides a course description and course philosophy, outlines course content, lists student learning objectives, and suggests an instructional approach. (KC)

ED 327 735

CE 056 832

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990.

Battelle Pacific Northwest Laboratories, Richland,

Wash.; Central Washington Univ., Ellensburg; Northwest Regional Educational Lab., Portland, Ore.; Richland School District 400, Wash.

Spons Agency—Office of Vocational and Adult Education (ED), Washington, DC.

Pub Date—Sep 90

Contract—V199A90105

Note—56p; For a related document, see CE 056 831. Includes "Materials Science and Technology: External Evaluation Report," by Northwest Regional Educational Laboratory.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Ceramics, Cooperative Programs, *Curriculum Development, Education Work Relationship, Glass, *Industry, *Integrated Curriculum, Metals, Pilot Projects, Polymers, Postsecondary Education, Program Evaluation, *School Business Relationship, Science Education, Secondary Education, Technical Occupations, Technological Advancement, *Technology, Vocational Education

Identifiers—*Materials Technology, Partnerships in Education, Technology Education

A materials technology program was developed at Richland High School (Washington) and pilot tested at seven sites in Washington and Oregon. The program created partnerships between science and vocational education teachers at Richland High and Battelle Pacific Northwest Laboratories, and was then expanded to include other high schools, colleges, and other industrial laboratories. During the initial program, a steering committee was organized, a literature search was conducted, a curriculum was developed and validated, teachers were trained, and pilot sites were selected. More than 225 students were enrolled in the program. Teachers were selected and trained in workshops and through industry programs. An evaluation by Northwest Regional Educational Laboratory showed that the teacher training workshop and the program both received a majority of excellent or good ratings from teachers and/or students in all categories evaluated. The curriculum and project descriptions were disseminated through educators' and researchers' meetings and workshops. (KC)

ED 327 736

CE 057 132

Nickse, Ruth S.

Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R188062005

Note—91p; For a related document, see ED 308 415.

Available from—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN342: \$8.75).

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Adult Basic Education, *Adult Literacy, Child Development, Corporate Education, Cultural Differences, Elementary Education, *Family Programs, Federal Legislation, *Intergenerational Programs, Learning Theories, Library Extension, *Literacy Education, Parent Child Relationship, Parent Education, *Parent Influence, *Parents as Teachers, Preschool Education, Young Children

Identifiers—*Family Literacy

Family and intergenerational literacy programs provide an opportunity to combine the agendas of adult basic skills improvement and literacy development in children. This overview of practice in family and intergenerational literacy programs identifies trends, issues, and concerns and offers recommendations. The first chapter presents background information including definitions and purposes for family and intergenerational programs. It describes the sponsorship of programs and the motivations that justify program development. The next chapter describes research from the fields of adult and emergent literacy, cognitive science, early childhood education, and family systems theory. Chapter 3 details programs in five sectors: adult basic education, libraries, family English literacy, preschool and elementary education, and corporate programs. The fourth chapter presents a typology for classification of family and intergenerational literacy programs

based on the mode of program intervention and the target population that receives the services. Advantages and disadvantages of four program types are presented: (1) Direct Adults-Direct Children; (2) Indirect Adults-Indirect Children; (3) Direct Adults-Indirect Children; and (4) Indirect Adults-Direct Children. Examples of specific programs, critical research questions, and recommendations are provided. The document concludes with 113 references and an appendix detailing 12 programs classified according to the typology presented earlier. (SK)

ED 327 737

CE 057 133

Robertson-Smith, Mary

Articulation Models for Vocational Education. Information Series No. 343.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R188062005

Note—42p.

Available from—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN343: \$5.25).

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Articulation (Education), *College School Cooperation, Community Colleges, Cooperative Education, Coordination, Credits, *Intercollegiate Cooperation, Postsecondary Education, *School Business Relationship, Secondary Education, Technical Education, *Transfer Policy, Two Year Colleges, *Vocational Education

Articulation, the coordination of curricula at different levels of education in order to improve efficiency and effectiveness, has become increasingly important in secondary and postsecondary vocational-technical education. Among the types of articulation being practiced are time-shortened models, advanced skills models, and tech-prep models. Program articulation can be between individual secondary and postsecondary institutions, among groups of schools in a consortium, between two-year and four-year colleges, or between educational institutions and nonschool agencies that have training needs. Administrative policies and procedures regarding admissions, advanced placement credit, assessment, and transfer also need to be articulated. Five types of school-to-school articulation models currently exist: (1) tech-prep programs, in which the last 2 years of secondary vocational training are articulated with the first 2 years of postsecondary education; (2) cooperative education; (3) proprietary schools; (4) retention of at-risk students; and (5) college-to-college articulation. Three forms of nonschool partnerships are business and industry arrangements with educational institutions for training for their workers; government agencies providing career development for public employees through colleges; and the awarding of credit for military training. Factors that inhibit successful articulation are institutional policies and procedures, negative attitudes and resistance, and poor communication. Successful arrangements can be achieved through local and state leadership, involvement of key personnel, consensus on goals and purpose, formal written agreements, and positive human relations. (56 references) (SK)

ED 327 738

CE 057 134

McCaslin, N. L.

A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R188062005

Note—37p.

Available from—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN344: \$4.75).

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Accountability, Data Collection, Educational Change, *Evaluation Criteria, Informa-

tion Needs, Information Sources, *Outcomes of Education, Postsecondary Education, *Program Evaluation, Program Improvement, Secondary Education, *Vocational Education

To help vocational education administrators and practitioners, this paper presents a framework for vocational education program evaluation. Evaluation is defined as the act of rendering judgments to determine a program's value; two major types are formative and summative. Vocational education evaluation should take a broader and more comprehensive approach than a focus on student achievement. This approach requires use of valid and reliable information of three interrelated types: needs, processes, and outcomes. The needs for vocational education include students' interests, knowledge, attitudes, and skills; the knowledge, attitudes, and skills employers want in employees; and the educational, economic, and social needs of society. Sources of information about vocational education program processes include: (1) organizational information; (2) program information; (3) support services and activities; (4) staff; (5) student demographic characteristics and educational achievement; and (6) community information. Also part of the evaluation framework are economic outcomes (labor force participation, employment and unemployment rates, training-related placement, type of employment, earnings, employee satisfaction with work, employer satisfaction with employees); educational outcomes (academic and higher-order thinking skills, knowledge of the world of work, occupational skills, school attendance and dropout rates, continuing education rates, satisfaction with education); and psychosocial outcomes (aspirations, attitudes, values, self-esteem, citizenship, and leadership). (28 references) (SK)

ED 327 739 CE 057 135

Spletz, Howard Stewart, Amy
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345.

ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R18062005

Note—113p.

Available from—Publications, Center on Education and Training for Employment, 1900 Kenny Road, Columbus, OH 43210-1090 (order no. IN345: \$10.50).

Pub Type—Information Analyses - ERIC Information Analysis Products (071)—Reference Materials - Vocabularies/Classifications (134)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Adult Education, Career Choice, *Career Development, *Career Exploration, *Career Planning, Community Colleges, *Competency Based Education, Corporate Education, Decision Making, Educational Strategies, Elementary Education, Higher Education, High Schools, Job Search Methods, Junior High Schools, Learning Activities, Middle Schools, Public Agencies, *Self Concept, Two Year Colleges

This monograph provides an overview of the National Career Development Guidelines developed by the National Occupational Information Coordinating Committee and presents competency-based career development strategies related to the National Guidelines. The strategies were identified through an analysis of career development abstracts included in the ERIC database between 1980 and 1990. The abstracts were reviewed as they relate to the National Guidelines areas and competencies for seven levels: elementary school, middle/junior high school, high school, and the adult settings of two-year community college, four-year college and university, business/industry, and community agency. A total of 631 abstracts were coded for level/setting, facilitator (teacher, school counselor, community agency staff, business/industry staff, parents), delivery mode (large group, small group, individual assistance, computer/media-based instruction, other), and 1 or more of the 12 competencies in the 3 National Guidelines areas (self-knowledge, educational/occupational exploration, career planning). Frequency distributions of reviewed abstracts, comments, recommendations, and sample career development activities or resources are provided at each level. General recommendations for increased emphasis on specific competencies and areas at different levels are made.

The document includes 34 references and matrices listing the abstracts reviewed by ERIC number, indicating the guidelines areas, competencies, facilitators, and delivery modes covered by the ERIC documents. (SK)

CG

ED 327 740 CG 023 044

What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey.

Illinois State Board of Education, Springfield.

Pub Date—Oct 90

Note—43p.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, Adolescents, *Grade 9, High School Freshmen, High Schools, *Knowledge Level, State Surveys, *Student Attitudes, Student Characteristics, *Student Reaction

Identifiers—*Illinois

In spring of 1990, pursuant to the federally funded School Health Education Project to Prevent the Spread of Human Immunodeficiency Virus, an annual survey was conducted of Illinois ninth graders (n = 1,181) to assess their knowledge, attitudes, and beliefs concerning Acquired Immune Deficiency Syndrome (AIDS). Findings from the 1990 survey are described and comparisons are made with findings from the 1989 survey, and also between Illinois ninth grade data and data collected for adults nationally by the National Center for Health Statistics. Data analysis and reported findings focus on variations according to student gender, ethnicity, and geographic region of the state in: (1) level of knowledge about AIDS; (2) attitudes toward AIDS; and (3) student awareness of information sources and where to get tested for AIDS. These findings suggest that ninth graders are knowledgeable about the major means of transmitting the AIDS virus (sexual intercourse and the sharing of hypodermic needles) and about important prevention measures, but they had misconceptions about transmission of AIDS through blood transfer, along with unfounded and potentially destructive phobias about going to school with a student who has AIDS. Based on these findings, recommendations for Illinois educators are provided. References are included and instrumentation is appended, along with the survey methodology and response rate, geographic categories, and a summary of questionnaire response items. (TE)

ED 327 741 CG 023 045

Vitkus, John

The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness.

Pub Date—Aug 90

Note—45p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Students, *Cues, Feedback, Helping Relationship, Higher Education, Interpersonal Relationship, *Loneliness, Models, Negative Attitudes, *Performance, Problem Solving, Psychological Patterns, *Role Perception, Role Playing, *Self Esteem, *Self Evaluation (Individuals), Social Reinforcement

Vitkus and Horowitz (1987) found that lonely people demonstrated adequate social behavior when they were assigned to controlling interpersonal roles. Despite this successful performance, they evaluated themselves and their behavior negatively. Study 1 replicated these findings and extended them to naturalistic interactions. In a hypothetical problem-solving dyad involving paired college students (N = 76), students were diagnosed as either lonely or nonlonely and then assigned respective roles of Person with the Problem or Springboard (listener/advisor). Analysis of videotaped sessions showed that all subjects were capable of adequate social performance, but adopting a passive social role interfered with expression of this behavior. Study 2 followed the procedures of Study 1 with the difference that all subjects were assigned to the Springboard role (who listens to a partner describe the problem) and positive or neutral feedback was provided. Results showed that unambiguous posi-

tive feedback reduced the negativity of lonely students' self-evaluations. An interpersonal model of loneliness is proposed to explain these results. The model suggests that in typical interactions, lonely people adopt social roles that prevent them from expressing appropriate social behavior. In addition, without clear performance cues, lonely people fail to recognize occasions when they do perform adequately. Their resulting negative self-appraisals reaffirm their initial feelings of inadequacy, thereby sustaining their loneliness. Therapeutic implications of this model and limitations of the present research are discussed. (TE)

ED 327 742 CG 023 046

Geffen, Michael Kaplan, Earl

Divorce and Bar Mitzvah: A First Look.

Pub Date—Aug 90

Note—11p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Case Studies, Child Rearing, Conflict Resolution, *Divorce, Family Environment, *Family Involvement, Family Problems, Intervention, Jews, *Judaism, *Parent Counseling, Parent Participation, *Religious Education, Religious Factors

Identifiers—*Bat Mitzvah, *Bat Mitzvah, Rabbis

After an introductory discussion and review of literature on divorce among Jewish families, this document presents and analyzes two case studies which show the adverse effect of divorce and child-custody battles on the children of Jewish families who subsequently plan a B'nai Mitzvah (Bar or Bat Mitzvah) ceremony—a joyous ritual of initiation into adulthood and religious life that traditionally calls for the participation of both parents. In the first study, a young girl's Bat Mitzvah is disrupted by a dispute between the mother and father over the seating of the father—either on the pulpit with the mother or with his second wife in the congregation. The outcome of this unresolved conflict is an emotional breakdown during the service by both father and daughter, which irrevocably mars the occasion for the daughter. The second case study, of a son's bar mitzvah involving a divorced couple where the noncustodial father has moved far away and abandoned all support for the mother and son, shows a counterexample of a successful and healing accommodation, owing to the timely mediation of the rabbi, prior to the ceremony. A brief discussion follows, emphasizing the importance of the rabbi's role in recognizing and dealing with reactive unconscious guilt of divorced parents prior to the B'nai Mitzvah ceremonies. (TE)

ED 327 743 CG 023 047

Barbee, Anita P. Cunningham, Michael R.

Departmental Issues in Dual-Academic Marriages.

Pub Date—Aug 90

Note—12p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Rank (Professional), *College Faculty, *Dual Career Family, *Faculty College Relationship, Faculty Promotion, *Faculty Recruitment, Higher Education, *Personnel Policy, Psychologists, *Spouses, Women Faculty

This paper discusses issues pertaining to the recruitment and hiring of dual-career academic couples by universities and psychology departments. Studies have shown that both husbands and wives in dual psychologist couples are more productive in number of publications, paper presentations, and grants awarded than their single counterparts, yet many universities are reluctant to hire academic couples because of psychological resistance, small group dynamics, and self-esteem maintenance issues. University issues may include reactance, exploitative bargaining, and fear of precedence. Exploitative bargaining—offering part-time or adjunct appointment to a spouse (usually a wife)—is often an issue which can result in a dissatisfied spouse inducing her partner to leave. Universities also fear that hiring a spouse will lead to an avalanche of requests for all spouses, both academic and nonacademic, to be hired by the university. Departmental issues include discrimination against couples by others in the department; fears of recruitment committees about the adequate differentiation of partners in publication credits, evaluation, and tenure review; and fear of the loss of both partners

20 Document Resumes

if one or the other accepts a new position. Small group dynamics at the departmental level include concern about couples forming power blocs or conversely the fears that disruptions in the marriage will adversely affect departmental politics. Finally, the old guard faculty is likely to have fears about disrupting the status quo. (TE)

ED 327 744 CG 023 048

The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.

Michigan State Dept. of Education, Lansing.

Pub Date—89

Note—43p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Career Counseling, *Career Development, *Career Guidance, *Career Information Systems, Elementary Secondary Education, *Guidance Programs, *Public Schools, Pupil Personnel Services, State School District Relationship, Statewide Planning

Identifiers—*Michigan

Project Outreach, the opinion research division of the Michigan State Board of Education, conducted a study on the current status of career guidance in Michigan public schools, using in-depth telephone interviews with career guidance professionals (N=445) in November and December of 1989. The interview questionnaire, developed with the advice of counselors, career guidance administrators, and teacher training educators, covered a wide range of topics pertaining to career guidance programs: their components and organization; extent of approval by local school boards; categories of students provided with services; starting points for career guidance activities; use of the Employability Development Plan by career guidance professionals; extent of career resource center; assistance provided to parents; strengths and weaknesses of programs; role of professionals in budgeting for career guidance; use of advisory committees; the need for support from the Michigan Department of Education; student preparation and career opportunities; use of the Michigan Occupational Information System; services for students at risk and disabled students; self-esteem problems and career decision making; role of job placement in career guidance; use of tests; use of support staff; and extent and content of career education classes in Michigan. This document presents findings from the Project Outreach study. Respondents are categorized by school district locale: urban, suburban, small town, and rural. Demographic data on respondents are included, and the questionnaire is appended. (TE)

ED 327 745 CG 023 049

Thayer, Louis
Self/Career Development: Facilitating Small Group Process.

Eastern Michigan Univ., Ypsilanti. Dept. of Leadership and Counseling.

Pub Date—90

Note—46p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Career Development, Career Guidance, *Counselor Training, Elementary Secondary Education, *Group Behavior, *Group Counseling, *Group Dynamics, Group Experience, *Interpersonal Communication, Learning Modules, *School Counseling, School Counselors, Self Evaluation (Groups), Self Evaluation (Individuals), Sensitivity Training

This module is designed to help prospective school counselors expand their understanding of group process, examine their own attitudes and behaviors in groups, and learn components for facilitating small group process with self/career development themes. The module begins with a short review of research on effective counselors and a brief discussion of the necessary conditions for facilitating small groups. The following modules are included: (1) small group process: reviewing the counselor's beliefs and the facilitative conditions (including an article on establishing a healthy psychological learning climate); (2) image recall: tracing attitudes toward, and behaviors in groups; (3) self-assessment: focusing on small group behavior (including Louis Thayer's Self Assessment Inventory); (4) the small group: becoming aware of interactions and the process; and (5) career help groups: facilitating foundations. References are included. (TE)

ED 327 746

Thayer, Louis

Self/Career Development: A Helping Role for the School Counselor.

Eastern Michigan Univ., Ypsilanti. Dept. of Leadership and Counseling.

Pub Date—88

Note—52p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Career Counseling, *Career Development, *Career Guidance, Career Planning, Counseling Objectives, Counseling Techniques, Counselor Role, *Counselor Training, Elementary Secondary Education, Learning Modules, Occupational Aspiration, *School Counselors, *Self Actualization

This module is intended to help prospective school counselors continue to understand their own self/career paths and begin to explore the dimensions and components of self/career development for learners in kindergarten through grade 12 (K-12). Unit 1, "Image Recall: Assessing One's Own Self/Career Development," briefly reviews career development theories to enable prospective counselors to examine how their own developmental self/career processes have been emerging. Unit 2, "Jobline: Looking at Work and Jobs," asks prospective counselors to complete a time-dimensional "Jobline" and share information on future plans, values, and obstacles. Unit 3, "A K-12 Self/Career Development Plan: Thinking the Priorities," provides an overview of K-12 self/career development priorities with tasks assigned and resources explored. Specific career development competencies are listed for elementary, middle/junior high, and high school students, along with names and addresses of resource persons and a list of resource materials. Unit 4, "A Field Visit: Experiencing Components of a Self/Career Development Program," provides instructions for a school visit to gain hands-on experience with selected aspects of a K-12 self/career development program. (TE)

ED 327 747

Vaccaro, Frank J.

Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly.

Pub Date—Aug 90

Note—33p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Aggression, Behavior Change, Behavior Problems, Feedback, *Hostility, Institutionalized Persons, *Interpersonal Competence, *Older Adults, Role Playing, Socialization, Training Objectives, *Violence

This study replicated a social skills training program previously designed to eliminate verbally aggressive behavior in six institutionalized elderly, by substituting physical acts of aggression for verbal ones. The treatment package consisted of instructions, modeling, role playing, and feedback. Dependent measures included confirmed incidents of physically aggressive behavior monitored across an ABAB design with a 5-month follow-up period. Results indicated that physically aggressive behavior could be significantly decreased in a group training setting and subsequently generalized to ward and other socialized behavior. Ancillary aspects of the study include the dichotomy between motor and language aggression, individual preferences as they relate to intentionally aggressive acts and the profound need for replication studies to ensure external validity by minimizing error variation. Implications for future research are discussed, and references are included. (Author/TE)

ED 327 748

Dickey, Katherine Dooley Satcher, Jamie F.

A Guide to the Employment Section of the Americans with Disabilities Act 1990.

Pub Date—25 Jan 91

Note—20p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Civil Rights Legislation, *Complicity (Legal), *Disabilities, *Equal Opportunities (Jobs), Equal Protection, *Federal Legislation, *Handicap Discrimination, Personnel Integration, Personnel Policy, Personnel Selection, So-

CG 023 050

cial Bias, Social Discrimination

Identifiers—*Americans with Disabilities Act 1990

The Americans with Disabilities Act, signed into law July 26, 1990, has been heralded across the nation as a triumph for the 43 million Americans with disabilities. This document provides a guide to Title 1 of this Act, which forbids employers with 15 or more employees from discriminating against a qualified individual with a disability in job application procedures; the hiring, advancement, or discharge of employees; employee compensation; job training; and other terms, conditions, and privileges. A list of discriminatory acts by employers under the law is provided, along with regulations regarding physical examinations, reasonable accommodation, and undue hardship. Enforcement is in accordance with the powers, remedies, and procedures set forth in the Civil Rights Act of 1964, and these regulations are enforced by the Equal Employment Opportunity Commission. A question-and-answer section concludes the document, and resources are included. (TE)

ED 327 749

Pappas, John G.

Career Guidance Strategies for Student Affairs Professionals.

Eastern Michigan Univ., Ypsilanti. Dept. of Leadership and Counseling.

Pub Date—88

Note—19p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Career Counseling, *Career Development, *Career Guidance, Career Information Systems, *College Programs, College Students, Counseling Services, *Counselor Training, Higher Education, Learning Modules, *Post High School Guidance, Self Evaluation (Individuals), *Student Personnel Services

The need for career guidance and counseling services in post-secondary institutions is well-documented in the professional literature and recent research studies. Accordingly, this module is intended as a guide for instructors to use in conjunction with an existing introductory course in college student personnel/student affairs in higher education. It is designed to assist graduate students in examining their own career development and in assessing available career opportunities and resources. Through a structured self-analysis, it provides useful career information and materials, and involves students in career-related activities and experiences. There are five separate components with suggested activities, materials, and resources for each: (1) Self Assessment and Self Analysis; (2) Career Opportunities in Student Affairs; (3) Career Enhancing Experiences; (4) Life Planning and Direction; and (5) Placement Strategies for New Professionals. (TE)

ED 327 750

Waidley, John W.

Career Information Module for G&C 530, Career Development and Information Services.

Eastern Michigan Univ., Ypsilanti. Dept. of Leadership and Counseling.

Pub Date—88

Note—12p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Access to Information, *Career Counseling, *Career Information Systems, Counselor Role, *Counselor Training, Experiential Learning, Information Retrieval, *Information Seeking, Information Sources, *Information Utilization, Learning Modules, *School Counselors

Because of the enormous amount of available career information, school counselors require the skills to identify the appropriate information for clients and to know its sources. Accordingly, this module consists of three training activities in career information gathering for school counselors. Activity 1, "Appropriate Information," focuses the counselor's or student's attention on the importance of collecting the appropriate information rather than the random collection of miscellaneous information. Students respond to a number of simulated career guidance situations, in which they are asked to identify which materials they think appropriate for each situation. Responses are discussed in small groups and reported back to the class. Activity 2, "Sources of Career Information," provides an overview of the sources of information as well as a system for classifying information as to purpose and quality of source. Activity 3, "Forms of Career Information," requires students to bring to class a "piece of career

information." After analyzing this material as to its possible uses student counselors are asked to think of four effective ways to present career information to their clients; in accordance with Kolb's experiential learning theory model. (TE)

ED 327 751 CG 023 055

Kraus, Stephen J.
Attitudes and the Prediction of Behavior: A Meta-analysis.

Pub Date—Aug 90
Note—10p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).
Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Attitudes Measures, Attitudes, Behavior, Behavior Patterns, Behavior Rating Scales, Experiential Learning, Meta Analysis, Psychological Patterns, Student Behavior

The relationship between attitudes and behavior has been a topic of considerable debate. Accordingly, this paper reports a meta-analysis of 83 attitude-behavior studies. The analysis suggests that attitudes significantly predict future behavior (combined $p.0000000000001$); the average attitude-behavior correlation (ABC) is $r=.38$. Methodologically, ABCs are higher for studies using: (1) self-report measures of behavior; (2) primarily non-students as subjects; or (3) attitude and behavior measures of corresponding levels of specificity. Substantively, ABCs tend to be higher when the attitude is formed by direct experience, the attitude is held with certainty, the subject is a low self-monitor, or the situation increases self-focused attention. The limitations and future directions of attitude-behavior research are discussed. (Author/TE)

ED 327 752 CG 023 056

Parenthood Education Curriculum 1990.
Oregon State Dept. of Education, Salem. Div. of Vocational Technical Education.

Pub Date—90
Note—588p.
Available from—Publications Documents Clerk, Publications and Multimedia Center, Oregon State Dept. of Education, Salem, OR 97310-0290 (\$14.00).

Pub Type—Guides - Classroom - Learner (051)
EDRS Price - MF03/PC24 Plus Postage.
Descriptors—Adolescents, Caregivers, Child Rearing, Curriculum Design, Family Life Education, Home Economics Education, Home Management, Individual Development, Interpersonal Competence, Parent Child Relationship, Parenthood Education, Preadolescents, Secondary Education, Self Concept, State Curriculum Guides

Identifiers—Oregon
Oregon's Parenthood Curriculum has been designed for use within the state's middle/junior high school home economics classrooms; its overall goal is to enable future parents to nurture their children, based on a practical reasoning process that helps students examine the underlying causes of practical problems and the implications of solutions for themselves, their family and society in general. The practical reasoning process begins by identifying a common problem or question and then considering four areas in which to examine the problem: awareness of context, desired results, alternative approaches, and consequences of action. After an introductory rationale, user's guide, and curriculum model, the curriculum is divided into four units for middle school/junior high and five units for high school. Middle school units focus on the following self-development and caregiving concerns: developing self-awareness and self-acceptance; developing interpersonal relationships; exploring interaction of work and family; and promoting and developing caregiving skills. High school units focus on the following parenting concerns: (1) exploring the realities of being a parent; (2) developing a sense of self in parents and children; (3) promoting healthy parent-child relationships; (4) managing the interaction of work and family; and (5) creating supportive communities for parents and children. (TE)

ED 327 753 CG 023 057

Gabriel, Roy M. And Others
Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide.

Western Center for Drug-Free Schools and Communities.
Spons Agency—Department of Education, Wash-

ington, DC.
Pub Date—Sep 90
Contract—CA-S188A80003

Note—77p.
Pub Type—Tests/Questionnaires (160)
EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Adolescents, Alcohol Abuse, Data Analysis, Data Collection, Drug Abuse, Evaluation Methods, Evaluation Utilization, Information Utilization, Instrumentation, Psychometrics, Secondary Education, Surveys, Test Reliability, Validity

No issue in schools and communities today commands the concern and urgency of the U.S. public as much as the dangers of alcohol and other drug (AOD) use among youth. This guide therefore provides descriptive information on the variety of surveys of student alcohol and other drug use currently available, and delineates the issues involved in selecting or developing a survey instrument. After an introductory statement of purpose, chapter 2 describes the process of selection and review of the instruments presented. Chapter 3 describes the content domain of existing surveys, including specific substances, use-related issues, and other related high-risk behaviors. It also provides charts which contrast the survey instruments reviewed in this guide regarding their coverage of this content. Chapter 4 addresses an array of issues common to all AOD survey tools, including psychometric issues such as reliability and validity and utilization issues guiding the administration of the survey and interpretation of its results. Chapter 5 summarizes the principles and issues discussed throughout the guide in a process and rating scale. Chapter 6 presents the key characteristics of the surveys reviewed in the form of single-page abstracts including each survey's cost, length, appropriate age/grade levels, and contact information. Appended are the test review form used to evaluate these survey instruments and a policy statement on confidentiality of student records from the Western Center for Drug Free Schools and Communities. Twelve references are included. (TE)

ED 327 754 CG 023 058

Gabriel, Roy M. Brinkerhoff, Charles
Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning.

Western Center for Drug-Free Schools and Communities.
Spons Agency—Department of Education, Washington, DC.
Pub Date—89
Contract—CA-S188A80003

Note—39p.
Pub Type—Guides - General (050)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Alcohol Abuse, Case Studies, Community Action, Community Coordination, Community Involvement, Community Planning, Community Surveys, Data Analysis, Data Collection, Drug Abuse, Evaluation Methods, Local Issues, Prevention, Profiles, Self Evaluation (Groups), Substance Abuse

Identifiers—Oregon (Portland)
Abuse of alcohol and other drugs causes a variety of problems in a community. Accordingly, this is a manual for use by groups of citizens working to build a broadly based community alcohol and drug abuse prevention program. It includes both a systematic framework which a coalition can apply to its community, and a detailed case study of one community group's success with an indicator data approach to assessing the community effects of drug and alcohol abuse. Part 1 asserts the need to assemble a community profile, and to clearly articulate the purpose for the data gathering activity. Part 2 presents the steps in assembling a package of community indicators, each accompanied by an illustration from the Regional Drug Initiative in Portland, Oregon. The steps are as follows: (1) brainstorming a list of possible indicators; (2) rounding out the field to fill in additional possibilities according to a table of indicator categories; (3) finding available data; (4) screening indicators according to availability; (5) looking for regional and national comparisons; (6) reconsidering the list; (7) identifying the best indicators; and (8) choosing the best approximations. Finally, part 3 suggests guidelines for using and disseminating the resulting community indicators. A list of further reading about community coalitions in alcohol and drug abuse prevention is appended, along with an illustrative example of disaggregating profile data. (TE)

ED 327 755 CG 023 059

Benard, Bonnie
The Case for Peers.
Western Center for Drug-Free Schools and Communities.

Spons Agency—Department of Education, Washington, DC.
Pub Date—Dec 90
Contract—CA-A188A0001

Note—16p.
Pub Type—Opinion Papers (120)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adolescent Development, Cooperative Learning, Cross Age Teaching, Elementary Secondary Education, Peer Counseling, Peer Influence, Peer Teaching, Student Participation, Tutorial Programs, Youth Programs

Identifiers—Peer Resource Programs
"Peer resource" refers to any program that uses children and youth to work with or help other children and youth; programs such as youth service, cooperative learning, peer tutoring, cross-age tutoring, peer helping, peer mediation, peer leadership, and youth involvement. This paper advocates the adoption of a peer resource model of education in which schools and classrooms are restructured so that youth—from early childhood through late adolescence—have ongoing, continuous opportunities to be resources to each other. The first part provides the following rationales for peer resource programming: (1) the importance of peer relationships in social development; (2) the importance of social support to positive outcomes; (3) the failure of adult society to provide social capital for youth; (4) the value of giving every youth the opportunity to help; (5) the satisfaction of basic human psychological needs; (6) the opportunities to develop collaboration/conflict resolution skills; (7) the way such programs foster acceptance and respect for diversity; (8) improved academic achievement; and (9) reduction in alcohol and drug use. The second part lists critical ingredients of peer programs, while the conclusion calls for a paradigm shift to demystify professional expertise and empower people to help themselves and one another. Successfully implementing peer resource programs necessitate a change in role for teachers from "bosses" to group facilitators, and this is best achieved through the schoolwide adoption—among administrators, teachers, and students alike—of a peer cooperation/collaboration model. Eighty references are included. (TE)

ED 327 756 CG 023 060

Brooks, Margaret K.
Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth.

Alcohol, Drug Abuse, and Mental Health Administration (DHHS/PHS), Rockville, MD. Office for Substance Abuse Prevention.

Report No.—DHHS-(ADM)90-1674; OSAP-TR-2
Pub Date—90
Contract—283-87-8010

Note—39p.
Available from—Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Reports - General (140)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Alcohol Abuse, At Risk Persons, Childrens Rights, Compliance (Legal), Confidentiality, Confidential Records, Drug Abuse, Drug Addiction, Drug Rehabilitation, Federal Regulation, Legal Problems, Legal Responsibility, Parent Rights, Social Agencies, Social Services, State Legislation, Youth Programs

This technical report examines legal and policy issues affecting agencies offering alcohol and other drug prevention and treatment services to youth. Specific issues covered include: (1) whether such agencies must comply with federal laws and regulations governing confidentiality of patient records, and, if they must comply, how they must do so; (2) when such agencies may offer services to minors without parental consent; (3) when and how they must report child abuse and neglect; (4) how they can best screen employees and volunteers to ensure that no one on staff abuses or injures a client; and (5) whether they are in compliance with applicable quality of care standards. The report cites and discusses applicable federal and state regulations, provides illustrative examples, and answers hypothetical questions pertaining to the agencies affected by these regulations. The report concludes with a legal checklist for agencies and an appended

22 Document Resumes

table summarizing state parental consent laws for the treatment of minors. (TE)

ED 327 757 CG 023 061

Dworkin, Sari H.
Female, Lesbian, and Jewish: Complex and Invisible.

Pub Date—Aug 90

Note—17p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).
Pub Type—Speeches/Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Homosexuality, *Jews, *Judaism, *Lesbianism, Religious Discrimination, Religious Factors, Self Actualization, Self Concept, Self Esteem, *Social Bias, *Social Discrimination

Managing a marginal identity different from the dominant culture is a difficult process. For a woman who is a lesbian and also Jewish, this means feeling marginal in each of the communities she considers to be her primary support systems. Within the Jewish community, lesbianism is not acceptable, and within the lesbian community, there is often anti-Semitism. This paper begins by briefly discussing some historical and religious issues of relevance to the empowerment of women within Judaism and to coming out as a Jewish lesbian. It then explores the process of coming out as a Jewish lesbian within the framework of a four-stage model of the coming out process that is generally accepted as the theory for the development of a lesbian identity. From the perspective of this framework, the acceptance of two marginal identities is examined. Implications for counselors working with Jewish lesbians are discussed. (Author/TE)

ED 327 758 CG 023 062

Hull, Kathleen V.

Special Problems of the Elderly.

Pub Date—Feb 90

Note—34p.; M.Ed. research paper, Midwestern State University.

Pub Type—Dissertations/Theses - Undetermined (040)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Adult Children, Age Discrimination, *Aging (Individuals), Death, *Educational Gerontology, Educational Opportunities, Employment Opportunities, *Frail Elderly, Life Satisfaction, *Older Adults, Parent Child Relationship, Recreational Activities, *Retirement, Sex Differences, Social Support Groups, Stress Management, Widowed

Within the next 40 years, people age 65 and over will comprise 20% of the population, yet problems facing this older generation and their families are just coming to the attention of researchers and the public. Accordingly, this literature review focuses on the special needs of older adults and their families. After an introductory overview, the paper first reviews studies on adjustment to retirement, addressing issues such as cultural stereotypes, sex differences in adjustment, factors influencing survival rates, successful approaches to post-retirement job seeking, and marital well-being after retirement. The second part of the paper reviews research on social support networks among the elderly, including spouses, children, friends, and hired caregivers. The third section reviews studies of issues related to coping with the death of a spouse, role loss and other stressful transitions common to older adults. The fourth section addresses research on the availability and use of educational opportunities by the aged. The fifth section covers research on the correlates of life satisfaction among the elderly. These include educational level, health, income, marital satisfaction, and relationships with children. The final section reviews studies of leisure activities among older adults, including studies of what motivates older adults to pursue various kinds of leisure activities and the beneficial effects of such activities on life satisfaction. The paper concludes with a series of recommendations based on these findings for communities, families, and counseling professionals. Thirty-four references are included. (TE)

ED 327 759 CG 023 063

Cox, W. Miles

Motivational Determinants of Alcohol Use: A Theory and Its Applications.

Pub Date—20 Aug 90

Note—18p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).
Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Alcohol Abuse, *Alcoholism, Behavior Theories, *Causal Models, Clinical Diagnosis, Counseling Techniques, *Drinking, Flow Charts, Motivation, Psychological Patterns, Questionnaires, Systems Approach
Identifiers—*Motivational Structure Questionnaire Alcoholics

This transcript of a conference presentation describes a motivational model of alcohol use that shows the interrelationship between the various factors that affect drinking. First, a flow diagram is presented and described that shows how complex biological, psychological, and environmental variables contribute to a person's motivation for drinking, that is, to his or her expectations of affective change from drinking. The variables discussed include past experiences as they shape current expectations, current life situation, and cognitive mediating events such as beliefs, thoughts, and perceptions about the effects of drinking. The rest of the presentation describes the Motivational Structure Questionnaire for Alcoholics (MSQ-A) and discusses how it provides a clinical profile of a patient that can then be used for systematic motivational counseling. Sample clinical profiles are presented in order to illustrate and discuss 10 of the 16 clinical indices revealed by the questionnaire: number of concerns, aversive motivation, lack of commitment, inappropriate commitment, ambivalence, composite emotional intensity, hopelessness, ineffectiveness, goal distance, and alcohol irrelevancy. Paper copies of the slides used in the presentation are included. (TE)

ED 327 760 CG 023 064

Sexton, Patrick A.

Development of a Teacher-Parent Communication Program To Achieve Higher Academic Performance for Failing Tenth Grade Students.

Pub Date—Dec 90

Note—91p.; Practicum for Master of Educational Specialist degree, Nova University.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Academic Achievement, *Failure, Family School Relationship, *Grade 10, High Risk Students, High Schools, High School Students, Low Achievement, Parent Attitudes, *Parent Participation, Parent School Relationship, Parent Teacher Conferences, *Parent Teacher Cooperation, Underachievement

This practicum proposal was directed at a targeted group of 10th grade students (n=40) failing after the first 3 weeks of school in either mathematics, science, or English. The Teacher-Parent Communication Program was designed to increase communication between teachers and parents to improve the academic performance of low-achieving high school students. For 12 weeks, teachers completed a teacher-parent contact log under the appropriate categories to track their attempts at communication with parents of the targeted students. The program results reflected improvement in grade point average, class assignment completions, critical thinking skills (organizing data, constructing logical arguments, and problem solving), and student attendance rates. The appendix includes monitoring procedures, program guidelines, and project results. (TE)

ED 327 761 CG 023 065

Heller, Joseph R.

Teaching about AIDS/HIV Disease to College Students.

Pub Date—13 Aug 90

Note—9p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, *College Instruction, College Students, *Course Content, Cultural Differences, Drug Abuse, *Educational Strategies, Higher Education, Homosexuality, *Instructional Design, Moral Values, Religious Factors, Sexuality, Teaching Methods

This paper presents a psychology professor's account of his experiences teaching a course on Acquired Immune Deficiency Syndrome/Human Immunodeficiency Virus (AIDS/HIV) to college students. The first section discusses how to introduce and market the course on campus, and anticipate students' and colleagues' questions about one's

motivations for teaching the course, one's sexual preference, and one's expertise. The second part discusses how to deal with religion, values, and morality, by asserting the objective from the outset (to stop the spread of AIDS by whatever means possible), and how to deal with the likelihood that terminology used in the course will offend some students. Also discussed are the problems of teaching students from diverse cultures and value systems. The third section addresses how to comment on current events and new potential cures, and how to address students' questions and concerns. The remaining sections discuss: how to resolve conflict among sources of information; how to find an appropriate level of knowledge and sophistication; topical coverage; pedagogical devices; audiovisual materials; and experiential exercises. The concluding sections discuss the distribution of activities across class periods and the problem of AIDS burnout. (TE)

ED 327 762 CG 023 066

Silverman, Wade

Reflections on Psychotherapy and Aerobic Exercise.

Pub Date—12 Aug 90

Note—8p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Aerobics, Body Image, Bulimia, Depression (Psychology), Eating Habits, *Emotional Adjustment, Emotional Disturbances, *Exercise, Physical Health, *Psychopathology, *Psychotherapy

This document provides a series of reflections by a practicing psychologist on the uses of aerobic workouts in psychotherapy. Two case histories are cited to illustrate the contention that the mode of exercise, rather than simply its presence or absence, is the significant indicator of a patient's emotional well-being or psychopathology. The first case illustrates the abuse of physical exercise through a bulimic patient who alternately gorged on food and then absolved herself by spending hours every day at a health club, exercising and jogging to keep her weight down. In this case, exercise was seen as a reflection of the client's emotional disorder rather than a solution. The counterexample is of an overweight client with chronic depression for whom exercise was a marker of psychological adjustment, along with work habits, sexual habits, and eating and drinking habits. It was concluded that depending on the context, aerobic exercise such as jogging can be either a compulsion, indicative of the problem itself, or a successful therapeutic intervention to enhance physical health and emotional well-being. (TE)

ED 327 763 CG 023 067

Larner, Mary

Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Program.

Pub Date—Aug 90

Note—22p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—At Risk Persons, Blacks, *Child Welfare, Counseling Services, Counseling Techniques, Counselor Role, Disadvantaged Environment, *Early Intervention, *Family Counseling, Family Problems, Hispanic Americans, *Home Visits, *Human Services, Infants, Minority Groups, Mothers, Parent Role, Poverty, Program Effectiveness

Identifiers—*Child Survival Fair Start, Florida, Kentucky, Texas

This paper discusses home visiting programs for low income parents and infants and describes five such programs known collectively as the Child Survival/Fair Start (CS/FS) projects, funded by the Ford Foundation. It describes a conceptual model which links risk factors and intervention activities to effects on mothers and children and explains how interpersonal intervention through home visits sets out to change maternal behaviors—use of available health care, habits of self-care and nutrition, and skill and sensitivity as a parent—and thereby improve child health and development outcomes. Basic elements of a home visiting program are discussed, including education to provide information, advice, and role-modeling; practical assistance to increase the mother's access to services; and so-

cial support activities to increase her motivation to apply that knowledge. The five CS/FS programs served the following populations: migrant Mexican farmworkers in southernmost Florida; young Black mothers in rural Alabama; isolated families in Appalachia; recent Haitian immigrants in south-central Florida; and Mexican families in Austin, Texas. The ensuing discussion touches on three particularly important issues: (1) meshing, not competing, with the mother's existing support system; (2) providing support that creates self-confidence and not dependence; and (3) coping with the variability in program effectiveness that results from differences in the nature and evolution of supportive relationships. The paper concludes with an overview of the results of CS/FS program evaluations. Paper copies of presentation slides are included. (TE)

ED 327 764 CG 023 068

Steps to Maturity Program. Evaluation.
Nanaimo School District #68 (British Columbia).
Pub Date—Jun 90
Note—73p.

Pub Type—Reports - Evaluative (142)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Adolescent Development, *Educational Counseling, Elementary Secondary Education, *Family Life Education, Foreign Countries, *Guidance Objectives, *Guidance Programs, Humanistic Education, Program Budgeting, *Program Evaluation, School Community Relationship, Self Evaluation (Groups)
Identifiers—British Columbia (Nanaimo), Nanaimo School District 68 BC, *Steps to Maturity Program BC

In fall 1989, the Nanaimo (British Columbia) School District No. 68 asked five people, selected from the school system and community, to evaluate the "Steps to Maturity" Program (STMP), a district-wide family life education and affective development program that has developed gradually since 1972. The evaluation team interviewed a large number of individuals and groups both within and outside the school system, including students, parents, teachers, administrators, health care professionals, and the general public. They solicited perceptions of the program, impressions of its strengths and weaknesses, and ideas for its future. This document presents the results of that study, outlining the background of STMP, describing how the study was done, citing representative responses, providing a cost-benefit analysis, and discussing results and recommendations. The study concluded that STMP is a valuable resource for teachers, students, and parents alike; that it has kept its credibility through a holistic approach and a commitment to high standards of delivery and content; and that the community is highly supportive. Recommendations are listed under three categories: personnel, program, and public awareness. An assortment of program literature is appended. (TE)

ED 327 765 CG 023 069

Wallace, M. Charlene
Counseling and Guidance Program Evaluation
1990-91.

Des Moines Public Schools, IA. Instructional Div.
Pub Date—Dec 90
Note—54p.

Pub Type—Reports - Evaluative (142)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Counseling Services, *Counseling Techniques, *Educational Counseling, Elementary Secondary Education, *Group Guidance, *School Counseling

Identifiers—Des Moines Public Schools IA

This document comprises an evaluation of the kindergarten through grade 12 (K-12) Counseling and Guidance program at the Des Moines (Iowa) Public Schools, a sequential program designed to provide developmental, preventive, remedial, and crisis counseling, in order to assist students in achieving self-understanding, self-responsibility, positive interpersonal relationships, acquisition of decision-making and other life-coping skills, and the attainment of academic and vocational skills. The evaluation is divided into six areas: (1) introduction, including mission statements; (2) context evaluation, including history, policies, principles, and guidelines of the Guidance and Counseling Program; (3) input evaluation, including analysis of the budget, sources of revenue, and human resources; (4) process evaluation; (5) product evaluation (assessing progress toward district goals); and (6) future plans. Results are discussed which indicate the following needs: lower counselor-counselor ratios;

more secretarial help at the secondary level; computers for each counselor; a technical assistant in each high school to assist with the master schedule, the scheduling process, and the mid-lows requirements for grading the students; additional counselors for elementary schools; and money and release time to update counselor skills. Tables and graphs are included, and supplementary materials pertaining to the counseling program are appended. (TE)

ED 327 766 CG 023 070

Doyle, William W., Jr.
Prescribed Exercise Behavior in the Treatment of Spouse Abuse.

Pub Date—12 Aug 90
Note—11p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Battered Women, *Counseling Techniques, *Crisis Intervention, *Exercise, *Marriage Counseling, Research Problems, *Spouses

This presentation by a practicing marital therapist describes how exercise behavior can be used as a preventive measure against spouse abuse. This crisis intervention approach is intended to help couples develop stopgap techniques to prevent physical violence; it is one segment of a more comprehensive approach which might include contingency contracting between the couple, the imposition of legal sanctions, individual or group therapy for both the abuser and the victim, assertiveness training, fair fight training, communication skill training, and conflict resolution. The ensuing discussion focuses on cues which signal that marital tensions are building toward violence, and then describes strategies for intervening before fighting begins. It is argued that when levels of anger or fear reach a critical point, one needs to find a safety valve for rising blood pressure and muscular tension. It is suggested that, after calling a time out and withdrawing from the scene of conflict, spouses develop cathartic activities that reduce extreme levels of tension; these should be physically strenuous, aggressive or destructive, impersonal, safe, cheap, and private. Examples of such cathartic activities are given, including breaking bottles, kicking footballs, hitting baseballs or golfballs, chopping wood, and pounding nails. (TE)

ED 327 767 CG 023 071

Gonsiorek, John C.
Psychological and Ethical Implications of Causal Theories of Sexual Orientation.

Pub Date—Aug 90
Note—8p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Attribution Theory, *Homosexuality, Lesbianism, *Sex Role, *Sexuality
Identifiers—*Sexual Orientation

This paper discusses the importance and dangers of causal theories of sexual orientation, noting that, in recent years, the illness model of homosexuality has been thoroughly discredited and replaced with a variety of gay and lesbian affirmative constructs which explore the effects of a disparaging and hostile society on the development and psychological functioning of gay and lesbian individuals. It is suggested that, despite its legitimate therapeutic and sociopolitical drawbacks, the illness model of homosexuality included elements of causality and a sense of context that is lacking from newer theories. It is argued that, even though both biological and learning theories of the cause of homosexuality have failed in finding empirical support, biological, and especially interactional, models nonetheless have a legitimate place in scientific inquiry. The dangers attendant upon theories of causality of sexual orientation are described as lying in the liability of such theories for abuse by the medical and psychiatric profession for the sake of economic gain. The paper concludes that gay and lesbian affirmative practitioners should pursue theories about the nature and causes of sexual orientation, because of the theoretical vacuum left by the decline of the illness model and because of potential clinical utility. (TE)

ED 327 768 CG 023 072

Zaman, Riffat Moazzam
War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness

of Sexual Crimes against Women.

Pub Date—16 Jul 90

Note—10p; Paper presented at the Annual Convention of the International Council of Psychologists (48th, Tokyo, Japan, July 14-18, 1990).

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Activism, *Consciousness Raising, Crime Prevention, Females, Foreign Countries, Islamic Culture, *Rape, *Sexual Harassment, Sexual Identity, *Sexuality, Victims of Crime
Identifiers—*Pakistan (Karachi), War Against Rape (Pakistan)

This paper describes the experiences of an activist group in Karachi (Pakistan) in raising awareness of sexual crimes against women, pursuant to a rape of a professional woman which occurred during an armed robbery. It describes how, since rape was regarded as rare or nonexistent in a conservative, Islamic society, the efforts of the Women's Action Forum (WAF) to notify top government officials about their concern that women were being raped during armed robberies were largely in vain. WAF's formation of a subcommittee called War Against Rape (WAR), which broke new ground as a consciousness-raising group tackling a difficult and taboo subject, is reviewed. The 12-point statement of WAR's objectives is included, and the accomplishments of WAR in breaking the silence over rape and disseminating information are discussed, along with the problems it has faced in reaching or empowering the victims. Five brief case histories are included to illustrate these problems. The paper concludes that rape is a manifestation of the exploitation and oppression which pervades Pakistani society at large and that WAR's accomplishments thus far are only a beginning. (TE)

ED 327 769 CG 023 073

Mitchell, Stephanie
Portland Peers Project. Interim Evaluation Report, 1989-90.

Portland Public Schools, OR. Research and Evaluation Dept.

Pub Date—Aug 90
Note—31p.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adolescents, *Alcohol Education, *Drinking, *Drug Abuse, *Drug Education, *Drug Use, Intermediate Grades, Junior High Schools, Middle Schools, *Peer Relationship, Pre-adolescents

Identifiers—*Portland School District OR

This document comprises an interim evaluation report for the Portland Peers Project, a comprehensive drug education program that serves students in grades 6-8 in all Portland (Oregon) middle schools, for the 1989-90 academic year. It is noted that data were collected through an initial assessment survey, a parent questionnaire, a student peer helper scale, and a review of the literature on peer assistance programs. This interim report presents preliminary findings related to the project's assessment of drug use by middle school students, results of the peer helper scale, and findings from the parent survey. The report also describes demographics of the treatment and comparison groups of students. Results are presented and explained in five tables showing: (1) distribution of peers project students by grade and gender; (2) distribution of peers project students and comparison group by ethnicity; (3) mean pre-test, posttest, and change on peer helper scale by group; (4) mean, standard deviation, and change on peer helper subscales by group; and (5) parents' perceptions of the program. Findings are presented which show that the program established a coordinated peer support system in the middle schools during 1989-1990, and that the project achieved its expected effect of increasing middle school students' helping skills as measured by the Peer Helper Scale. The results of the initial assessment of drug use by middle school students were inconclusive. A 12-item bibliography is included and a summary of the initial assessment of student drug use is appended, along with instrumentation. (TE)

ED 327 770 CG 023 074

Erchul, William P. Scott, Susan Smith
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus.

Pub Date—[87]
Note—36p.

Pub Type—Reports - General (140)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—"Counseling Theories," "Educational Diagnosis," "Family Counseling, High Schools, Homework, Parent Student Relationship," "Psychoeducational Methods," "Study Habits," "Time Management, Writing Assignments"

This case study concerns an attempt to help a 15-year-old with the completion of written assignments and the development of time management and study skills. The document first presents the problem of the girl, Lisa, who could not complete longer written assignments due to an obsessive-compulsive anxiety disorder. The relevant history to the case is then examined in detail, and intervention strategies and results are described for family, parent-collateral, and client sessions over 16 weeks. The changes in the client during each week are described in conjunction with a writing assignment—a short story to serve as an introduction to J. R. Tolkien's "The Hobbit." The report concludes with a discussion of the successes, failures, lessons learned and changes that need to be implemented in the next program. A table that describes the Mother and Daughter Priority Rankings of Daughter's Activities is attached. (TE)

ED 327 771 CG 023 075

Good, Glenn E. And Others

Gender Aware Therapy: Implications for Therapists and Male Clients.

Pub Date—13 Aug 90

Note—21p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Consciousness Raising, *Counseling Theories, Counselor Client Relationship, Counselor Role, Emotional Adjustment, Females, *Feminism, *Males, *Psychotherapy, *Sex Differences, Sex Role, *Sexual Identity

Gender Aware Therapy (GAT) has developed in recent years to synthesize feminist theory and knowledge about gender into principles of therapy equally applicable to both men and women. This paper briefly examines the roots of Gender Aware Therapy and describes its principles: (1) conceptions of gender are seen as integral aspects of psychotherapy and mental health; (2) personal problems are considered within their societal context; (3) the therapy actively seeks to change gender injustices experienced by women and men; (4) it emphasizes development of collaborative therapeutic relationships; and (5) it respects clients' freedom to choose views, behaviors, and feelings which are most congruent for them. Psychological concerns specific to male clients for which conceptions of gender may be especially salient are then discussed, and implications of conducting therapy from a gender aware perspective are explored. Finally, some cautions regarding therapy from a perspective of heightened gender awareness are discussed. Twenty-seven references are included. (TE)

ED 327 772 CG 023 076

Hedges, Amie

Strategies and Policies in Employee Assistance Programs.

Pub Date—Nov 90

Note—53p; M.Ed. Seminar Paper, Ohio University.

Pub Type—Dissertations/Theses - Undetermined (040)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Alcohol Abuse, *Counseling Services, Drug Abuse, Drug Rehabilitation, *Employee Assistance Programs, Employer Employee Relationship, Evaluation Criteria, *Personnel Policy, *Substance Abuse, Vocational Adjustment

This document describes and examines effective policies that companies have adopted in developing Employee Assistance Programs (EAPs) to address personal problems of employees, with a specific focus on substance abuse. Chapter 1 introduces the topic, states the problem, indicates the purpose of the study, denotes the limitations, defines important terms, and describes the procedures used to gather data from a search of the literature in the Educational Resources Information Center (ERIC) and ALICE systems in the Alden Library at Ohio University. Chapter 2 contains a review of the literature, categorized under the following topics: (1) costs and prevalence of substance abuse in the workplace; (2) the history and evolution of present day

EAPs; (3) the policies and procedures that various companies implement in designing an EAP; (4) the treatment strategies used by EAPs; and (5) the criteria and methods used in evaluating EAPs, and how this evaluation relates to their success. Chapter 3 briefly summarizes the literature on EAPs; discusses the research questions, based on the literature review; notes the limitations of the study; and provides a conclusion and offers recommendations for further research. Twenty-two references are included. (TE)

ED 327 773 CG 023 077

Byers, Jenny

The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults.

Pub Date—Nov 90

Note—53p; M.Ed. Seminar Paper, Ohio University.

Pub Type—Dissertations/Theses - Undetermined (040)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Adolescents, Adult Children, *Child Abuse, Counselor Client Relationship, Counselor Role, Emotional Disturbances, Family Problems, Family Violence, *Incest, Long Term Care, *Rehabilitation, Sex Differences, *Sexual Abuse, *Victims of Crime

This document investigates both immediate and long-term effects of childhood sexual abuse in order to help counselors identify victims and survivors. It is based on a search of the literature on child sexual abuse in the ALICE system in the Alden Library at Ohio University, and the Psychological Literature and Social Sciences Index. Key words used in the searches are identified: child abuse, sexual abuse-children, incest, and sexual abuse-effects. Chapter 1 introduces the topic of the effects of child sexual abuse on victims as both children and adults, providing background information on the prevalence of abuse and the importance to counselors of recognizing its effects. Chapter 2 reviews the literature under the following subheadings: (1) Incidence of Child Sexual Abuse; (2) Immediate Effects of Sexual Abuse on Children; (3) Differences between Male and Female Victims; (4) Effects of Sexual Abuse on Adolescents; and (5) Long-Term Effects observed in Adult Clinical Populations. In Chapter 3 the purpose of the study and the research questions are summarized, and the literature is discussed as to its relevance to the topic, observations, implications, and limitations. In the conclusion, the research questions are answered based upon the literature review, and recommendations for further research are provided, along with suggestions for applying findings to clinical practice. (TE)

ED 327 774 CG 023 078

Satcher, Jamie F. Dooley-Dickey, Katherine

The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.

Pub Date—Feb 91

Note—17p; Paper presented at the Annual Professional Development Symposium of the National Rehabilitation Counseling Association (8th, Cincinnati, OH, February 8-9, 1991).

Pub Type—Information Analyses (070) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Accessibility (for Disabled), Compliance (Legal), *Disabilities, Employer Employee Relationship, *Equal Facilities, *Equal Opportunities (Jobs), Equal Protection, *Federal Legislation, *Handicap Discrimination, Job Development, Labor Legislation, Normalization (Handicapped), Vocational Adjustment, Work Environment

Identifiers—*Americans with Disabilities Act 1990

This paper provides a basic overview of the employment provisions of the Americans with Disabilities Act of 1990 (ADA), which mandates equal access, protection, and opportunity for persons with disabilities in four major areas: employment, telecommunication, transportation, and public services and accommodations. It notes that the employment provisions of ADA require that the hiring and employment policies of employers with more than 25 employees be nondiscriminatory, and that employers provide reasonable accommodation to the known limitations of a qualified person with a disability. It is suggested that, in view of the widespread changes in hiring and employment practices likely to result from ADA, rehabilitation counselors may be called upon to play several roles in helping employers to comply with this legislation, including:

(1) understanding a job applicant's functional limitations; (2) determining the reasonable accommodations that may be used with a particular job applicant; (3) identifying incentive programs to help employers with the costs of providing accommodation; and (4) identifying a pool of potential job applicants with disabilities. Possible implications resulting from enactment of the ADA for employers, rehabilitation professionals, and persons with disabilities are suggested, and references are included. (TE)

ED 327 775 CG 023 079

Drug Impact Index.

Regional Drug Initiative, Portland, OR.; Western Center for Drug-Free Schools and Communities.

Pub Date—Jun 90

Note—25p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Community Characteristics, *Community Problems, Community Study, Community Surveys, Data Collection, Delinquency, *Drug Abuse, *Drug Addiction, Local Issues, Population Trends, Secondary Education, Sociocultural Patterns, *Urban Demography, Youth Problems

Identifiers—*Drug Impact Index, *Oregon (Portland)

The Drug Impact Index provides a set of indicators designed to determine the extent of the local drug problem in a community. Each indicator includes a technical note on the data sources, a graph showing comparative statistics on that indicator for the Portland area and for the State of Oregon, and brief remarks on the implications of the data. The 10 indicators are as follows: (1) drug overdose deaths; (2) drug-related hospital emergency room visits; (3) drug use by adolescents; (4) alcohol use by adolescents; (5) drug use by adults; (6) alcohol use by adults; (7) adult arrests for drug offenses; (8) juvenile arrests for drug offenses; (9) parent training participation; and (10) students referred for school policy violations. (TE)

ED 327 776 CG 023 080

Gabriel, Roy M. And Others

A Consumer's Guide to Alcohol and Other Drug Surveys.

Northwest Regional Educational Lab., Portland, OR. Test Center.; Western Center for Drug-Free Schools and Communities.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Nov 90

Contract—400-86-0006

Note—95p; Cover pages are printed on dark-green paper. Addenda on confidentiality contain small print.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Alcohol Abuse, Data Interpretation, *Drug Abuse, Elementary Secondary Education, Evaluation Criteria, Information Utilization, *Psychometrics, Questionnaires, Relevance (Information Retrieval), Reliability, *School Surveys, *Student Behavior, Testing, Validity

This consumer's guide provides descriptive information about currently available surveys of student alcohol and other drug (AOD) use. Its purposes are to inform schools and communities about the instruments available to survey student AOD use, and to delineate the issues faced by educators while selecting or developing a survey instrument to assess use. After an introductory statement of purpose and a description of the process for selecting and reviewing survey instruments, Chapter 2 provides detailed descriptions of the content of the AOD use surveys reviewed, and discusses general content issues, such as substances to be included, attitudes, and other behaviors known to be related to AOD use. Chapter 3 addresses issues common to all AOD use survey tools, including psychometric issues such as reliability and validity, use issues guiding survey administration, and interpretation of results. Chapter 4 summarizes the principles and issues discussed throughout the guide in a rating scale recommended for use by local schools and communities. References are included, and the following items are appended: (1) sources searched for instruments and instruments considered but not included; (2) the survey review form; (3) abstracts of instruments featuring AOD use questions; (4) abstracts of other AOD survey instruments included in the guide; and (5) a guide to legal requirements for confidentiality of student records for school districts establishing policies and procedures for AOD-related student

assistance programs. (TE)

ED 327 777 CG 023 081

Handbook for Domestic Violence Victims.
Illinois Coalition Against Domestic Violence,
Springfield.

Spons Agency—Illinois State Dept. of Public Aid,
Springfield.

Pub Date—90

Note—35p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—"Battered Women, Conflict Resolution,
Court Litigation, Crime Prevention, Crisis
Intervention, Divorce, Emergency Programs,
Emotional Adjustment, *Family Violence, *Marital
Instability, *Spouses, *Victims of Crime
Identifiers—Illinois, *Illinois Domestic Violence
Act

This handbook provides guidance for women in
Illinois who are victims of domestic violence and
spouse abuse. It consists of facts about domestic
violence, a survival sheet telling what to do before,
during, and after incidents of domestic violence, and
advice on seeking emergency assistance and shelter.
It then provides advice and resources on making
ends meet after victims leave their spouse or partner,
including: (1) a guide to public aid, including
sources of cash assistance and food stamps; (2)
sources of emergency food; (3) obtaining child support
payments; (4) crime victim compensation; (5)
finding a new home; and (6) job referrals, job training,
and day care. The last major section is a guide to
the legal system and how victims can get the legal
assistance they need to press charges against an
abusing spouse or partner. Included is a guide to the
Illinois Domestic Violence Act, criminal court proceedings
for domestic battery, and civil court proceedings
to settle non-criminal disputes. This section concludes
with common legal questions and answers for victims
of domestic abuse and a summary of the rights of victims
under the Illinois Domestic Violence Act. A statewide list
of organizations to contact is organized alphabetically
by city. (TE)

ED 327 778 CG 023 082

Goldstein, Harold Fraser, Bryna Shore
Getting a Job in the Computer Age.
National Inst. for Work and Learning, Washington,
D.C.

Report No.—ISBN-0-87866-440-8

Pub Date—86

Note—104p.; Subtitle on cover page reads: "The
First National Report on the Computer Skills You
Need for the Job You Want."

Available from—Peterson's Guides, Dept. 6603,
P.O. Box 2123, Princeton NJ 08543-2123.

Pub Type—Books (010)—Reports - General (140)
EDRS Price - MF01 Plus Postage. PC Not Available
from EDRS.

Descriptors—"Computer Literacy, Data Processing
Occupations, *Employment Opportunities, Employment
Patterns, Employment Qualifications, Job Analysis,
*Job Skills, Job Training, Labor Market, *Microcomputers,
*Occupational Information, Occupational Surveys, Office Automation,
Office Occupations, Postsecondary Education, Word Processing

This book investigates how workers use computers
and how they learn the needed skills, based on
a study of 140 occupations in which computers are
currently used. Its main finding is that relatively few
workers need a lot of computer-related training.
Chapter 1, the introduction, discusses the rapid
growth and spread of computers across a wide range
of occupations, and provides a quick guide to "computerese."
Chapter 2 provides advice on the training
required for operating or programming computers,
along with information on where training is available.
Chapter 3, the main body of the book, is a survey
of occupations in which computers are used: (1) Group 1,
occupations that require extensive computer training,
includes professional workers in computer science,
and technical workers in data processing; (2) Group 2,
occupations that may require training in both programming
and operating computers, includes engineers and related
technical workers, life and physical scientists, mathematical
scientists, and other professional and technical workers;
and (3) Group 3, occupations that may require training
in operating computers, includes agricultural workers,
clerical workers, craft and industrial process workers,
managers, professional and technical workers, and sales
workers. Appended is a table showing the number of people

RIE JUN 1991

employed in each of the 140 occupations. (TE)

ED 327 779 CG 023 083

Character Development in the 90s: A Reaffirmation
of Values. Teaching Values in Arizona
Schools. The Report of the Task Force on Values
in Education for the State of Arizona.

Arizona State Dept. of Education, Phoenix.

Pub Date—Jun 90

Note—42p.

Pub Type—Reports - General (140)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—"Citizenship Education, Democratic
Values, Educational Principles, Elementary Secondary
Education, *Ethical Instruction, *Moral Values,
Public Schools, *Social Values, State School District
Relationship, *Statewide Planning, *Values Education
Identifiers—*Arizona

Pursuant to a request from the Arizona State
Board of Education, an interagency task force was
formed in fall 1989 to examine the issue of values
instruction in Arizona schools. This document begins
with a summary of the resulting report, along with a
list of suggested common core values, recommendations
for development and implementation of a values instruction
program, and an historical perspective on values instruction.
Appended is the full text of the task force report, "Character
Development in the 90s: A Reaffirmation of Values." This
report states and develops 10 consensual premises
underlying values instruction: (1) that values need
to be taught; (2) that society supports an increased
role for the public school in values instruction; (3)
that values instruction needs to be defined; (4) that
a common core of values exists within our society;
(5) that values play a role in education and that
teachers and administrators play a part in transmitting
values; (6) that values are taught implicitly and
explicitly throughout the curriculum, by instruction,
practices, and personal example; (7) that educators
should be aware of differing values and ethics of the
community; (8) that knowledge from research in
values education and child development should be
considered in developing a program; (9) that goals
of values instruction should be established in terms
of student behavior and character development; and
(10) that a recognized philosophy of values instruction
and commitment to its implementation should be
adopted and implemented. Also appended are
state board members' comments on the values education
report and a list of the values education task
force members. A bibliography is included. (TE)

ED 327 780 CG 023 084

Arizona Competency-Based Guidance. Program
Development Workbook.

Arizona State Dept. of Education, Phoenix. Vocational
Technological Div.

Pub Date—Sep 90

Note—68p.; For a related document, see CG 023
085.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—"Competency Based Education,
Counseling Objectives, Counseling Services,
Counselor Teacher Cooperation, Counselor Training,
Elementary Secondary Education, Guidance Objectives,
*Guidance Programs, *Program Development, Program Guides,
*Program Implementation, *School Counselors, *State Programs

Identifiers—*Arizona, *Competency Based Guidance

This workbook is intended as a guide to be used
at the 1990 Arizona Counselors' Academy to provide
Arizona school counselors with the resources and
procedures for establishing a Competency-Based
Guidance program. It provides instructional materials
to assist with the following 12 elements of
program development: (1) a mission statement; (2)
a statement of philosophy; (3) a conceptual model
of guidance; (4) guidance goals; (5) a list of student
competencies; (6) the guidance program management
system; (7) results agreements for counselor
accountability; (8) needs assessment; (9) how to
achieve results; (10) how to monitor students' progress;
(11) establishment of an advisory council; and
(12) creation of a master calendar for the academic
year. (TE)

ED 327 781 CG 023 085

Arizona Competency-Based Guidance. Program
Handbook.

Arizona State Dept. of Education, Phoenix. Vocational
Technological Div.

Pub Date—Sep 90

Note—154p.; For a related document, see CG 023
084.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—"Competency Based Education,
Counseling Objectives, Counseling Services,
Counselor Teacher Cooperation, Elementary Secondary
Education, Guidance Objectives, *Guidance Programs,
Program Design, *Program Development, Program Implementation,
School Counselors, *School Guidance, *State Programs
Identifiers—*Arizona, *Competency Based Guidance

This program development handbook is part of a
statewide effort to develop and implement an Arizona
Competency Based Guidance Program model for
Arizona school districts. Part 1, the Overview,
includes an introduction to competency-based guidance,
followed by the mission statement of the Arizona
Department of Education regarding guidance and the
philosophy of the Arizona Competency Based Guidance
Program. It also surveys the conceptual model of guidance,
the management system, and evaluation procedures,
and it concludes with a glossary of guidance-related terms.
Part 2 outlines desired student competencies at elementary,
middle/junior high, and high school levels in four domains:
educational, career development, personal/social, and leisure.
Part 3 lists the 12 elements of a competency-based
guidance program: mission statement, philosophy, conceptual
model, goals, competencies, management system, results
agreement, needs assessment, results plans, student monitoring,
advisory council, and master calendar of events. Appended
are samples of guidance goals, the National Career Development
Guidelines for competencies and indicators from kindergarten
through adult levels, copied articles on conducting needs
assessments, and a sample educational and career planning
folder for middle/junior high school students. (TE)

ED 327 782 CG 023 086

Minnesota Health Statistics 1988.
Minnesota State Dept. of Health, St. Paul.

Pub Date—Jul 90

Note—188p.

Pub Type—Numerical/Quantitative Data (110)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—"Abortions, Birth Rate, *Demography,
Divorce, Health Needs, Incidence, Marital Status,
Mortality Rate, Occupational Safety and Health, Physical
Health, Poisons, *Population Distribution, Population Growth,
*Population Trends, *Public Health, Special Health Problems,
*Statewide Planning, Statistical Data
Identifiers—*Minnesota

This document comprises the 1988 annual statistical
report of the Minnesota Center for Health Statistics.
After introductory technical notes on changes in format,
sources of data, and geographic allocation of vital health
statistics in all areas. Thereafter, separate sections of the
report provide tables and charts presenting the following
vital statistics for the State of Minnesota in 1988: (1)
live births; (2) reported induced abortions; (3) fertility;
(4) general mortality; (5) marriage; (6) divorce; (7)
occupational illness and injury; (8) poison; and (9)
population. Appended are definitions, data collection
instruments, and a map of health districts and offices in
Minnesota. (TE)

ED 327 783 CG 023 087

Van Riper, B. W.

A Career Development Module for Standardized
Group Testing. Career Guidance Project,
1988-1989.

Spons Agency—Michigan State Dept. of Education,
Lansing.

Pub Date—89

Note—16p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—"Career Choice, *Career Counseling,
*Career Development, Career Exploration, Career
Planning, *Counselor Training, Goal Orientation,
*Norm Referenced Tests, Postsecondary Education, Self
Evaluation (Individuals), Standardized Tests, *Test Use,
Vocational Interests
This module was developed to introduce users of
norm-referenced tests (NRT) to procedures for conducting
a survey of personal resources and a review of career goals
and objectives, and to provide incen-

tives and opportunities for test takers to find a personal meaning and value in the use of test results and assessment. The activities within the module are predicated on the use of NRTs to facilitate choice and change rather than evaluating growth and development. Trainees are thus taught to help clients construct a Resources Hierarchy that can be applied to personal planning and choosing in career development. The module consists of three activities providing trainees opportunities to practice conducting a review of personal resources, introducing environmental resources, and establishing career goals and objectives. The first activity, "Strengths and Weaknesses," encourages trainees in standardized group testing to examine the nature and extent of their own personal resources. The second activity, "Resources Hierarchy," helps to give aim to potentiality discovered through test interpretation and assessment procedures. The third activity, "Change Strategy," provides test users in training with opportunities to help future clients to set goals for themselves by examining the design and implementation of short-term and long-term goals. References are included with each activity. (TE)

ED 327 784 CG 023 088

Morrow-Kleindl, Natalie

A Self-Esteem Group for High School Dropouts: A Facilitator's Manual.

Pub Date—Oct 90

Note—103p.; M.S. Thesis, Moorhead State University.

Pub Type—Dissertations/Theses - Masters Theses (042) — Guides - General (050)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Dropout Programs, *Dropouts, Group Activities, *Group Counseling, Group Guidance, High Schools, Program Guides, Self Actualization, Self Concept, Self Efficacy, *Self Esteem, *Self Evaluation (Individuals), Self Motivation

Dropping out of school may be laden with devastating personal and societal consequences. Actual and potential high school dropouts often face many problems in their lives, other than academic dissatisfaction. Low self-esteem may frequently be the source and result of these difficulties. This project, therefore, was intended to develop a manual for conducting a self-esteem group for a target audience of high school dropouts. The focus of this educational effort was to help high school dropouts to develop the skills necessary to become more effective in their lives and thus raise their self-esteem. Eight group activities, with instructions for conducting them, are provided: (1) introduction to the self-esteem group; (2) listening, sharing, and self-awareness; (3) self-concept and self-esteem; (4) goal setting; (5) feelings; (6) problem solving; (7) self-statements; and (8) conclusion of the self-esteem group. A discussion of the project follows, and references are included. (Author/TE)

ED 327 785 CG 023 089

Smith, Francie

From Dysfunctional Families to Dysfunctional Schools: A Systems Paradigm.

Pub Date—90

Note—18p.; Paper presented at the Annual Meeting of the National Dropout Prevention Conference (3rd, Nashville, TN, March 25-27, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Comparative Analysis, Cybernetics, Elementary Secondary Education, Family Characteristics, *Family Influence, *Family Relationship, *Family School Relationship, *Family Structure, Interpersonal Communication, School Role, Student Adjustment, *Systems Approach

Identifiers—*Dysfunctional Families
This paper develops a systems-theory-based paradigm to argue that the characteristics of dysfunctional relationships found in families are also found in schools. To develop this thesis, the characteristics of systems theory as applied to a natural system such as the family are described. The family is defined as a primary intergenerational natural system in which the feelings, thoughts, and behavior of each member are influenced reciprocally by the feelings, thoughts, and behavior of other family members. It is suggested that the relationships and interpersonal processes forged in the family are replicated in the other relationships that family members establish later in life with spouses, peers, colleagues, authority figures, and subordinates. The emotional system, as defined by family systems theory, is presented as an information processing system which allows a

person to both respond to and form relationships with itself, others, and its environment; this, in turn, influences and is influenced by the feeling system and the intellectual system. An application of family systems theory to understanding the relationship processes occurring in the school is described. A matrix using family systems theory is presented as a means of illustrating those relationships, and implications for schools are discussed. (TE)

ED 327 786 CG 023 090

Christenberry, Nola J. Jones, Craig H.

Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.

Pub Date—14 Nov 90

Note—9p.; Paper presented at the Annual Meeting of the Mid-South Educational Research Association (New Orleans, LA, November 14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Counselor Attitudes, *Counselor Educators, Counselor Evaluation, Counselors, *Counselor Training, Higher Education, Power Structure, *Practicum Supervision, *Supervisors, *Teacher Attitudes, Teacher Student Relationship

Counselors should be able to increase their effectiveness by appropriate use of social influence strategies; learning to use power bases is a critical need of counselor trainees. One way they can learn to use power bases is by modeling their supervisors in counseling practice. In this study, the effects of faculty supervisors' attitudes on counseling trainees' attitudes toward power bases were examined. Supervisors' and trainees' attitudes were measured using a questionnaire developed by Robyak (1981) for assessing referent, legitimate, and expert power base preferences. During a one-semester counseling practicum, pre/post measures of preference strength were obtained from 50 trainees in 8 supervisory groups. Analysis of variance procedures yielded no significant differences between repeated measures or between groups. Observed trends consistent with desirable use of power bases indicated that trainees were not unduly influenced by their supervisors' preferences. Implications of these results for counselor training programs are discussed, and references are included. (Author/TE)

ED 327 787 CG 023 091

Smith, Gregory C. Tobin, Sheldon S.

How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offspring.

Pub Date—Nov 89

Note—16p.; Paper presented at the Annual Scientific Meeting of the Gerontological Society (42nd, Minneapolis, MN, November 17-20, 1989).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adult Children, Caseworkers, *Counselor Client Relationship, Dependents, *Developmental Disabilities, *Frail Elderly, Helping Relationship, Interviews, Long Term Care, *Mental Retardation, *Older Adults, Parent Child Relationship, Parent Counseling, Social Services

Developmentally disabled adults who are cared for at home by their older parents present a challenge because community-based social and health services are required to meet the needs of both the aging parents and the offspring. In this study, 11 local case managers were interviewed in depth, for 2 hours, about their work with parents of developmentally disabled adults. Findings from this pilot study affirmed parents' resistance to planning for permanency despite increased frailties. Augmenting resistance and impeding assistance is a scarcity of residential options. Like the parents, workers were ambivalent about disrupting interdependence. They wished to provide help with future plans before crises occur, and also to keep aging families together for as long as possible by arranging needed services. Workers remarked that parents were intimidated by their youth and professional status, and that they feared them as threatening separation. Also reported was frustration over the mandate not to treat parents as clients, as well as excessive caseloads prohibiting more interaction with older families. Workers desired, instead, to assist parents when they first encountered age-related losses, and to learn more about aging services. Results of this pilot investigation suggest that geriatric specialists are

needed to serve both aging developmentally disabled clients and their elderly caregivers. Sixteen references are included. (TE)

ED 327 788 CG 023 092

Albaum, Jean Stirling

A Cost Free Counseling Model for High Risk Elementary Students.

Pub Date—Aug 90

Note—22p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Child Development Specialists, *Counselor Training, Early Intervention, Elementary Education, *Elementary School Students, Family Counseling, Field Experience Programs, Higher Education, High Risk Students, *Internship Programs, *Practicum Supervision, *School Counseling

Identifiers—California

A cost-free counseling model was developed to meet the changing needs of elementary school students in a small college city in California. A training program for graduate students was set up within the public school setting and was clinically supervised. Marriage, Family, and Child Counselor and Licensed Educational Psychologist internships were offered. Quality interns and trainees were attracted, in spite of the lack of a stipend, because of the training program and the opportunity to work with children. The techniques of play therapy were adapted to one-to-one and small-group school settings with highly successful results, as measured by resolutions of situational crises, changed behavior, and parent and teacher surveys. All students at risk for future emotional problems who were referred by either their parents or teachers were served. References are included. (Author/TE)

ED 327 789 CG 023 093

Langer, Rena Ruth Swango

Spiritual Centeredness as a Tool for Positive Mental Health.

Pub Date—Jul 90

Note—58p.; Master of Education Seminar Paper, Ohio University.

Pub Type—Information Analyses (070) — Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Beliefs, Christianity, Coping, *Counseling Theories, Judaism, *Mental Health, Moral Values, Mysticism, Negative Attitudes, *Religion, Religious Differences, *Religious Factors, Self Esteem

Identifiers—*Spirituality

This document presents a review of the literature that examines the relationship of spiritual centeredness to the development of a positive self-concept and good mental health, emphasizing the Judeo-Christian concept of spirituality, but discussing other concepts as well. The review focuses on three areas: coping skills, self-concept, and values development. Articles reviewed were located through a search of the Educational Resources Information Center (ERIC) system and the ALICE system at the Ohio University library, using the headings "Religion or Religious," "Mental Health," and "Education." Chapter 2, the review of the literature, begins with a definition of spirituality, and then discusses articles under the following headings: coping skills, self-esteem, moral values, and negative aspects of religion. This literature suggests that the realm of spirituality can be used as a productive tool for maintaining mental health among those who are open to such a tool, but that care should be taken in respecting the beliefs and values of the individual. Chapter 3 discusses the use of spirituality as a tool for maintaining mental health, analyzing evidence found in the literature and offering an interpretation based on this analysis. Chapter 4 summarizes the work, drawing conclusions from the analysis and offering recommendations for further development. A four-page bibliography is included. (TE)

ED 327 790 CG 023 094

Doll, Elizabeth

Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents.

Pub Date—14 Dec 90

Note—32p.; M.S. Practicum Report, Nova University.

Pub Type—Dissertations/Theses - Practicum Pa-

pers (043) — Reports - Evaluative (142)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Adolescents, Caseworkers, Cooperation, Crisis Intervention, Decision Making, Interdisciplinary Approach, Mental Health Workers, Problem Solving, Teamwork, Youth Agencies, Youth Problems

The present structure of the multi-disciplinary team in crisis centers for adolescents lacks training for youth workers in the decision-making process. This report discusses the development of a youth worker position on a multi-disciplinary team in a short-term residential crisis center for adolescents. Three youth workers, for a period of 3.5 weeks, participated in a multi-disciplinary team whose objectives were to improve the youth workers' decision-making abilities, to change the role of the discipline within the agency, and to evaluate the training. The report is divided into five chapters: (1) introduction; (2) a study of the problem; (3) goals and objectives; (4) solution strategies; and (5) results, conclusions, and recommendations. Survey results indicated a very positive response from participating youth workers and a sense that the objectives had been reached. The report concludes with plans to legitimize the system in the future. A one-page bibliography is included, and pre- and post-implementation questionnaires are appended. (TE)

ED 327 791 CG 023 095

Polulech, Joan Burgess Nuttall, Paul
Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I.
Connecticut Univ., Storrs. Cooperative Extension Service.
Report No.—88-3
Pub Date—[88]
Note—13p.; For related documents, see CG 023 096-099.

Available from—Agricultural Publications, 1376 Storrs Road, The University of Connecticut, Storrs, CT 06269-4035 (\$4.00 for set of 5; quantity discounts).

Pub Type—Guides - General (050)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adolescents, *Interpersonal Communication, *Parent Child Relationship, *Parent Education, Parent Role, *Sex Education, *Sexuality

This document presents the first of five newsletters on sex education for parents. The newsletters were designed to help parents increase their ability to communicate with their adolescents about sexual issues. They explore the origins of the parents' feelings about sex; teach the importance of a healthy self-concept and how to build it in the adolescent; unravel the physical, social, and emotional mysteries of adolescence; and develop some skills that will help parents talk about sex with their adolescents. The specific goals of this newsletter on sexuality are to help parents: (1) know the importance of understanding oneself; (2) understand that parenting is a learned skill; (3) understand how personality is shaped by culture and environment; (4) be able to define concepts related to sexuality; (5) understand how present attitudes and feelings about sex relate to past experiences, information and misinformation; (6) understand how one's attitudes and feelings affect what parents tell and how they tell their children about sex; and (7) be able to identify some personal values, feelings, and attitudes about sex that parents want to pass on to their children. The newsletter is presented in workbook format with spaces provided for parents to write answers to questions and exercises. It concludes with a reference list and a short list of suggested readings for parents. (NB)

ED 327 792 CG 023 096

Polulech, Joan Burgess Nuttall, Paul
Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II.
Connecticut Univ., Storrs. Cooperative Extension Service.
Report No.—88-4
Pub Date—[88]
Note—11p.; For related documents, see CG 023 095-099.

Available from—Agricultural Publications, 1376 Storrs Road, The University of Connecticut, Storrs, CT 06269-4035 (\$4.00 for set of 5; quantity discounts).

Pub Type—Guides - General (050)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adolescents, *Interpersonal Com-

munication, *Parent Child Relationship, *Parent Education, Parent Role, *Self Esteem, *Sex Education, Sexuality

This document presents the second of five newsletters on sex education for parents. The newsletters were designed to help parents increase their ability to communicate with their adolescents about sexual issues. They explore the origins of the parents' feelings about sex; teach the importance of a healthy self-concept and how to build it in the adolescent; unravel the physical, social, and emotional mysteries of adolescence; and develop some skills that will help parents talk about sex with their adolescents. The specific goals of this newsletter on self-esteem are to help parents: (1) be able to define self-esteem and understand the relationship between a person's view of himself/herself and his or her behavior; (2) understand the impact of family and society on the development of self-esteem; (3) know the four conditions necessary for positive self-esteem; (4) be able to identify some ways to create positive self-esteem in one's child; and (5) understand the importance of liking oneself as a prerequisite to helping others like themselves. The newsletter is presented in workbook format with spaces provided for parents to write answers to questions and exercises. It concludes with a reference list and a short list of suggested readings for parents. (NB)

ED 327 793 CG 023 097

Polulech, Joan Burgess Nuttall, Paul
Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III.
Connecticut Univ., Storrs. Cooperative Extension Service.
Report No.—88-5
Pub Date—[88]
Note—16p.; For related documents, see CG 023 095-099.

Available from—Agricultural Publications, 1376 Storrs Road, The University of Connecticut, Storrs, CT 06269-4035 (\$4.00 for set of 5; quantity discounts).

Pub Type—Guides - General (050)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adolescent Development, *Adolescents, Homosexuality, *Interpersonal Communication, Menstruation, *Parent Child Relationship, *Parent Education, Parent Role, Self Esteem, *Sex Education, Sexuality

This document presents the third of five newsletters on sex education for parents. The newsletters were designed to help parents increase their ability to communicate with their adolescents about sexual issues. They explore the origins of the parents' feelings about sex; teach the importance of a healthy self-concept and how to build it in the adolescent; unravel the physical, social, and emotional mysteries of adolescence; and develop some skills that will help parents talk about sex with their adolescents. The specific goals of this newsletter on puberty and adolescence are to help parents have a better understanding of: (1) the difference between puberty and adolescence; (2) the physical, social, and emotional changes that occur during adolescence; (3) adolescent tasks and characteristics; (4) the myths associated with adolescence; (5) the reproductive and sexual response systems; (6) the myths about masturbation, homosexuality, and nocturnal emission; (7) the process of menstruation; and (8) the connection between self-esteem and the adolescent's ability to handle the pressures and changes of this stage of development. The newsletter is presented in workbook format with spaces provided for parents to write answers to questions and exercises. It concludes with a reference list and a short list of suggested readings for parents. (NB)

ED 327 794 CG 023 098

Polulech, Joan Burgess Nuttall, Paul
Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV.
Connecticut Univ., Storrs. Cooperative Extension Service.
Report No.—88-6
Pub Date—[88]
Note—19p.; For related documents, see CG 023 095-099.

Available from—Agricultural Publications, 1376 Storrs Road, The University of Connecticut, Storrs, CT 06269-4035 (\$4.00 for set of 5; quantity discounts).

Pub Type—Guides - General (050)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adolescents, *Interpersonal Com-

munication, *Parent Child Relationship, *Parent Education, Parent Role, Self Esteem, *Sex Education, Sexuality

This document presents the fourth of five newsletters on sex education for parents. The newsletters were designed to help parents increase their ability to communicate with their adolescents about sexual issues. They explore the origins of the parents' feelings about sex; teach the importance of a healthy self-concept and how to build it in the adolescent; unravel the physical, social, and emotional mysteries of adolescence; and develop some skills that will help parents talk about sex with their adolescents. The specific goals of this newsletter on communication and negotiation are to help parents: (1) be able to identify changes taking place in the adolescents and the parents that can lead to parent/adolescent conflict; (2) be able to explain the difference between Language of Unacceptance and the Language of Acceptance; (3) be able to identify six roadblocks to positive communication and ways to remove them; (4) list the steps in listening; (5) successfully use effective listening at least once a day; (6) be able to list the five steps in negotiation; (7) successfully use the five steps of negotiation at least once with their adolescents; and (8) be able to set limits with their adolescents cooperatively and specifically. The newsletter is presented in workbook format with spaces provided for parents to write answers to questions and exercises. It concludes with a reference list and a short list of suggested readings for parents. (NB)

ED 327 795 CG 023 099

Polulech, Joan Burgess Nuttall, Paul
Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V.
Connecticut Univ., Storrs. Cooperative Extension Service.
Report No.—88-7
Pub Date—[88]
Note—13p.; For related documents, see CG 023 095-098.

Available from—Agricultural Publications, 1376 Storrs Road, The University of Connecticut, Storrs, CT 06269-4035 (\$4.00 for set of 5; quantity discounts).

Pub Type—Guides - General (050)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Adolescents, *Interpersonal Communication, *Parent Child Relationship, *Parent Education, Parent Role, Self Esteem, *Sex Education, Sexuality

This document presents the fifth of five newsletters on sex education for parents. The newsletters were designed to help parents increase their ability to communicate with their adolescents about sexual issues. They explore the origins of the parents' feelings about sex; teach the importance of a healthy self-concept and how to build it in the adolescent; unravel the physical, social, and emotional mysteries of adolescence; and develop some skills that will help parents talk about sex with their adolescents. The specific goals of this newsletter on talking about sex are to help parents: (1) be able to identify some reasons why parents might not discuss sex with their children; (2) understand their role in the sex education of their adolescent; (3) understand what adolescents want to know about sex; and (4) know some techniques for communicating with adolescents about sexuality. The newsletter is presented in workbook format with spaces provided for parents to write answers to questions and exercises. It concludes with a reference list and a short list of suggested readings for parents. (NB)

ED 327 796 CG 023 100

Clark, Burton A.
Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education.
Pub Date—Aug 88
Note—8p.
Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Adult Children, Alcohol Abuse, *Alcoholism, Annotated Bibliographies, *Family Characteristics, *Parent Child Relationship Identifiers—*Children of Alcoholics

This document presents an annotated bibliography of 18 books on the adult children on alcoholics. The books cited in this bibliography focus on such areas as co-dependency, the roles played by children in alcoholic homes, the impact of the parent-child relationship, anger, guilt, love, intimacy,

interventions for chemically dependent persons, rules of the alcoholic family, breaking the cycle of addiction, recovery for adult children of alcoholics, change strategies, family secrets, and decision making. Citations are arranged alphabetically by author. (NB)

ED 327 797 CG 023 101

Nelson, Rebecca M. Claiborn, Charles D.
Counselor Attractiveness, Similarity, and Session Impact: A Field Study.

Pub Date—Aug 90

Note—38p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Congruence (Psychology), Counseling Effectiveness, *Counselor Characteristics, *Counselor Client Relationship, *Cues, Higher Education, *Interpersonal Attraction, Outcomes of Treatment, *Physical Attractiveness

Past research has suggested that interpersonal influence in counseling is enhanced as clients perceive their counselors to be interpersonally attractive and similar to themselves. This study examined the relationship of specific verbal and nonverbal cues to perceived counselor attractiveness in a field setting, and explored the relation between perceived counselor attractiveness and session impact, the client's perception of the qualities of a therapeutic session, and their feelings about the session. Clients (N=25) at a university counseling center, each seeing a different counselor, rated their counselors in terms of behavioral cues associated with attractiveness and session impact. Clients completed the attractiveness scale from the Counselor Rating Form, three additional items that assessed the similarity aspect of attractiveness, the expertness and trustworthiness scales from the Counselor Rating Form-Short Version, the Comparison Form to Measure the relative importance of six verbal and nonverbal cues in overall perceptions of the counselor, and the Session Evaluation Questionnaire to measure the impact of the counselor on the client in the session. The results indicated that counselor nonverbal behaviors were more salient to attractiveness ratings than were verbal behaviors. Perceived counselor attractiveness was not related to session impact, but expertness and trustworthiness were related. Similarity of the client to the counselor was associated with one aspect of session impact, session evaluation. (NB)

ED 327 798 CG 023 102

Beall, Anne E.
How Emotional Are Males and Females around Others?

Pub Date—Aug 90

Note—11p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Affective Behavior, College Students, *Emotional Response, Higher Education, Interpersonal Relationship, Peer Influence, *Sex Differences

This study explored the effects of the presence of another person on males' and females' experience and expression of emotion. In either the presence or absence of a confederate experimenter, 33 female and 34 male college students were asked to select a teacher and student from their high school and then to give impersonal or personal information about each target person. Impersonal information consisted of topics such as the person's socioeconomic status, area of residence, and educational standards. For personal information, subjects discussed their current evaluation of the person and how the target person had affected them. Then subjects rated their experience of emotion: happiness, sadness, and emotional intensity felt toward the target people and evoked by the descriptions. In addition, 32 judges rated the expression of emotion conveyed in the verbal descriptions. The only effect found for reported emotion was a main effect for gender. Female subjects reported experiencing greater amounts of emotion than did male subjects. Judges' ratings showed that when subjects provided personal descriptions, males expressed the most emotion in the presence of a confederate experimenter and females expressed the most emotion when alone. The results of this study are interpreted in

terms of differential male and female sensitivity to a non-interactive confederate experimenter. (Author/NB)

ED 327 799 CG 023 103

Brandon, Thomas H. Baker, Timothy B.
Smoking Outcome Expectancies among College Students.

Pub Date—Apr 90

Note—9p.; Paper presented at the Annual Society of Behavioral Medicine Scientific Sessions (11th, Chicago, IL, April 18-21, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Students, *Expectation, Higher Education, Sex Differences, *Smoking, *Student Attitudes, *Student Behavior, *Test Construction

Identifiers—*Smoking Consequences Questionnaire

Alcohol expectancies have been found to predict later onset of drinking among adolescents. This study examined whether the relationship between level of alcohol use and expectancies is paralleled with cigarette smoking, and attempted to identify the content of smoking expectancies. An instrument to measure the subjective expected utility of smoking was developed by administering an 80-item questionnaire to 382 undergraduate smokers and exsmokers. A principal components analysis yielded four interpretable factors: negative consequences, positive reinforcement, negative reinforcement, and appetite/weight control. Fifty items with high loadings on these factors were retained to create the four scales of the Smoking Consequences Questionnaire. Coefficient alpha reliabilities, calculated from a separate subject sample, averaged .94. As predicted, the scales were able to differentiate between daily smokers and less frequent smokers. Heavier smokers had more positive expectancies about the effects of smoking, and less negative expectancies. Females had more positive expectancies than males on the appetite/weight control scale. Female exsmokers reported much more positive expectancies than male exsmokers on the negative reinforcement scale, suggesting a possible risk factor for females who quit smoking. (Author/NB)

ED 327 800 CG 023 104

Andrews, Judy A. Lewinsohn, Peter M.
The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents.

Pub Date—Aug 90

Note—10p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adolescents, *At Risk Persons, Behavior Disorders, *Death, *Depression (Psychology), Fatherless Family, High Schools, High School Students, *Self Destructive Behavior, Sex Differences, Substance Abuse, *Suicide

Identifiers—*Suicide Attempts

Although suicide is the second leading cause of death among adolescents in the United States, little is known about the prevalence or characteristics of suicide attempts among adolescents. Data from 1,710 adolescents attending 9 high schools in 5 communities were examined to determine the prevalence of suicide attempts and the lethality and intent of these attempts. Each adolescent was interviewed with a form of the Schedule for Affective Disorders and Schizophrenia for School-Age Children which combined the Epidemiologic version (K-SADS-E) and the Present Episode version (K-SADS-P). Approximately 6.8% of the adolescents had attempted suicide in their lifetime. A significantly greater proportion of girls (9.8%) as compared to boys (3.5%) had attempted suicide. For both males and females, there was a significantly higher rate of attempts among adolescents with a diagnosis of major depression, substance use disorder, or disruptive behavior disorder than among adolescents without such diagnoses. Of these attempts, 14% were rated as potentially lethal and 43% were considered intentional. An examination of the relationship between lifetime attempts and lifetime psychiatric disorders revealed that a large proportion of adolescents who attempted suicide had a history of a psychiatric disorder. The results also indicated that being female and being from a home with no male head of household were risk factors for a suicide attempt. (NB)

ED 327 801 CG 023 105

Wellman, Mary M.
An AIDS Hotline: Primary Prevention in the Community.

Pub Date—10 Aug 90

Note—20p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, *At Risk Persons, *Hotlines (Public), *Prevention, *Sex Differences

As the Acquired Immune Deficiency Syndrome (AIDS) epidemic escalates, the need for primary prevention programs to disseminate information has become more important than ever. This research is an analysis of all calls received by an AIDS hotline in central Massachusetts over an 8-month period. Of the 387 calls received, 55% were from males. The majority of callers were in their 20s (42%) or 30s (22%), with 5% of calls coming from adolescents. Among risk behaviors, 9% of callers identified themselves as homosexual men, 3% identified themselves as bisexual men, and 7% identified themselves as intravenous drug users. Forty-five percent called to ask questions about what constituted high-risk behavior. Only 2% of callers were already diagnosed as human immunodeficiency virus (HIV) infected. Forty-three percent of callers wanted information about HIV testing, while only 17% were interested in safer sex information. Adolescents tended to be more interested in obtaining safer sex information. A highly significant gender difference in presenting problems was noted. Men called primarily because they were concerned about their own health and possibility of infection, while women called primarily because they were concerned about family members, partners, or friends. These hotline data point out the need for further education and community outreach. (NB)

ED 327 802 CG 023 106

Zborowski, Lydia L. Berman, William H.
Assessing the Process of Marital Adaptation: The Marital Coping Inventory.

Pub Date—Aug 90

Note—11p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adjustment (to Environment), Adults, *Coping, *Evaluation Methods, *Marital Satisfaction, Marriage, Problem Solving, *Spouses, *Test Construction

Identifiers—*Marital Coping Inventory (Zborowski Berman)

Studies on coping with life events identify marriage as a distinct situational stressor, in which a wide range of coping strategies specific to the marital relationship are employed. This study examined the process of marital adaptation, identified as a style of coping, in 116 married volunteers. Subjects completed a demographic questionnaire, the Dyadic Adjustment Scale to measure marital satisfaction, the Profile of Mood States to measure individual emotional states, the "L" Scale of the Minnesota Multiphasic Personality Inventory to examine the relationship of social desirability to questionnaire responses, and the Marital Coping Inventory to assess the process of marital adjustment. The 58-item Marital Coping Inventory was constructed, consisting of strategies that were generated empirically and also fit a theoretical model of coping. Factor analysis generated five subscales of the coping inventory, and each subscale demonstrated a distinct correlation with mood states and marital adjustment. Passive and emotional strategies corresponded to poor adjustment and high personal distress. Strategies that were positively related to adjustment were active and cognitive, and aimed at resolving the problem and alleviating the emotional aspects of the stressor. (NB)

ED 327 803 CG 023 107

Bihm, Elson M. And Others
Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception.

Pub Date—Aug 90

Note—15p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Antisocial Behavior, *Attribution Theory, *Behavior Modification, College Students, Higher Education, Institutionalized Persons, Intelligence Quotient, *Labeling (of Persons), *Mental Retardation, *Place of Residence

This study explored the effects of type of behavioral treatment and living environment on college students' (N=216) person-perceptions and causal attributions of deviant behaviors of a 17-year-old with mental retardation or normal intelligence. The results suggested that positive behavioral approaches and normalized community settings, at least as described in this study, were deemed more acceptable to the students, who also believed the positive treatments would be more likely to work. Positive behavioral treatments and normalized community settings were associated with greater perceptions of person-competency and future progress. Similar positive evaluations of competencies and expectations for progress were made for clients labeled as having normal intelligence. An analysis of causal attributions suggested that the causes of deviant behaviors of persons in institutional settings were seen as more controllable by the client, while the label of mental retardation was associated with causes perceived as less controllable, more stable, and less the result of others. (The clinical implications for the social validity of behavioral treatments, environmental settings, and handicapping labels, as well as the organization of person-beliefs and the causal-structure of these beliefs, are discussed.) (Author)

ED 327 804 CG 023 108

Zanone, Charles F. IV. And Others
Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.
Pub Date—Aug 90

Note—30p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).
Pub Type—Reports - Research (143)—Speeches/-Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Beliefs, Body Image, Counselor Attitudes, Counselor Characteristics, *Counselors, Homosexuality, *Males, Physical Characteristics, Self Concept, *Sex Role, *Sexual Identity Identifiers—*Masculinity, *Sexual Orientation

This study hypothesized that male counselors whose sexual orientation and physical characteristics do not conform to conventional notions of masculinity (those who have had homosexual experiences and who do not fit the mesomorphic ideal) will be less traditional in their gender role attitudes, behaviors, and beliefs than those who adhere to more traditional standards of masculinity. The Male Counselor Development Questionnaire (MCDQ) was developed to measure the attitudes, behaviors, and beliefs of male counselors. Six of the eight sections of the MCDQ were used in this study: a Masculinity Profile, the Male Sex Role Inventory, the Male Role Inventory, a Needs Assessment, and demographic and employment information. Data from 366 male members of a professional counseling association were analyzed. Sexual orientation, weight, and a mesomorphic self-description (describing oneself as muscular, hard, or strong) were found to be significantly related to male gender role attitudes. Both heterosexual counselors with homosexual experiences and bisexual to exclusively homosexual counselors were less traditional in their physical characteristics and gender role attitudes, behaviors, and beliefs than were exclusively heterosexual counselors. Heterosexual counselors with homosexual experiences were, however, found to be the least traditional of the three groups along several dimensions. (Author/NB)

ED 327 805 CG 023 109

Clark, Burton A.
Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin.
Pub Date—Oct 89

Note—32p; Paper presented at the Executive Fire Officer Conference (Fort Worth, TX, October 22-25, 1989).

Pub Type—Speeches/Meeting Papers (150)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Adults, *Family Characteristics, *Group Experience, *Males, *Postsecondary Education

Identifiers—Dysfunctional Families, *Family of Origin, *National Fire Academy

A major portion of the National Fire Academy (NFA) executive development curriculum includes group process and team building instruction. This material does not contain any information on the family of origin and its potential impact on the group process and team building capabilities of adults. This study examined whether there was a significant difference in group climate questionnaire scores between fire executives from functional and dysfunctional families of origin. A total of 70 Executive Fire Officer Program graduates participated in the study. Subjects were classified as functional (N=45) or dysfunctional (N=25), based on their scores on the Family of Origin Questionnaire. The mean scores for each of the seven items on the Group Climate Questionnaire were compared between the functional and dysfunctional groups and the overall mean scores were also compared using an unpaired t-test. The results indicated that there were no statistically significant differences in six of the seven mean scores. The "risk taking" item had the only significant difference. The overall mean for the functional group was 4.911 while the dysfunctional group overall mean was 4.566; the difference was statistically significant. These findings suggest that the family of origin experience does influence group dynamics. Developmental activities need to include family of origin instructional methodologies to help groups become more effective. (Author/NB)

ED 327 806 CG 023 110

Tashakkori, Abbas Thompson, Vaida D.
Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood.
Pub Date—Aug 90

Note—30p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143)—Speeches/-Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Adolescents, Attribution Theory, Blacks, High Schools, High School Students, *Locus of Control, Longitudinal Studies, *Racial Differences, Self Efficacy, *Self Esteem, *Sex Differences, Whites, *Young Adults

Data from a longitudinal sample of 14,721 White (7,193 male, 7,528 female) and 5,197 Black (2,400 male, 2,797 female) respondents tested first between ages 16 and 19 and in two follow-ups were explored in relation to Black-White, male-female differences in self-esteem and causal orientations. On general self-esteem scores, Blacks rated themselves more positively than did Whites. Blacks also rated themselves more positively on specific self-beliefs, (e.g., social attractiveness), although the magnitude of differences in such cases was quite small. On control measures, Blacks perceived greater external control pertaining to both cultural events and personal efficacy, although they had slightly greater expectations about future academic success. Results about general and personal self-efficacy of Blacks are somewhat inconsistent with earlier reports. Females tended to show less self-efficacy than males, but there were no interactions of race and sex. Even in the presence of significant effects for race and/or sex, mean differences tended to be relatively small. The findings suggest that, although differences exist between race and between sexes, they are rarely of large magnitude, and they tend to dissipate over time as adolescents leave school and become adults. (Author/NB)

ED 327 807 CG 023 111

Tashakkori, Abbas Thompson, Vaida D.
Predictors of Intention To Take Precautions against AIDS among Black College Students.
Pub Date—Aug 90

Note—39p; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143)—Speeches/-Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Acquired Immune Deficiency Syndrome, Beliefs, *Black Students, College Students, *Contraception, *Health Promotion, Higher Education, Knowledge Level, Locus of Control, *Prevention, Self Efficacy, Self Esteem, *Student Behavior

This research explored the effects of a number of factors derived from extant intention-behavior models on a general behavioral intention to engage

in protection against Acquired Immune Deficiency Syndrome (AIDS) and a specific behavioral intention to use condoms as protection in vaginal sex. Data pertaining to beliefs, knowledge about AIDS, fear of and perceived vulnerability to AIDS, perceived efficacy to control exposure to AIDS, self-esteem and general locus of control, and past reactions to AIDS were collected from 124 Black respondents at a southeastern university and regressed on the two behavioral intention measures. Results showed that situational efficacy (to protect oneself from AIDS) was the best predictor of general intention, followed by reports of past behavioral changes as a result of the AIDS epidemic and by knowledge. Proximal threat of AIDS was a negative predictor. For specific intentions, a specific belief about inconvenience in condom use was the best predictor, followed by past behavioral change, followed by knowledge. Normative beliefs, a belief that condoms would prevent disease, and distant threat of AIDS were also significant predictors. Predictions of general intentions, more so than those of specific intentions, followed predictions of the intention-behavior models that informed instrument development. (Author)

CS

ED 327 808 CS 009 708

Kragler, Sherry
Dynamic versus Static Assessment: A Comparison of the Effects of Each on the Reading Placement Levels of Chapter 1 Students.
Pub Date—[89]

Note—22p.
Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Achievement Tests, Analysis of Covariance, Basal Reading, Grade 3, Primary Education, *Reading Achievement, Reading Research, *Reading Tests

Identifiers—Education Consolidation Improvement Act Chapter 1, Mediated Instruction, Vygotsky (Lev S)

A study compared the reading placement levels of Chapter 1 students as indicated by dynamic and static assessment models to determine whether these students could benefit from basal instruction at a higher level of difficulty than would normally be indicated by static assessment. Subjects, 21 third grade Chapter 1 students, received treatment based on the dynamic assessment paradigm (modeling reading behavior, asking leading questions, and engaging the student in a dialogue) or the static paradigm (standardized tests) of reading level placement. Results indicated that the impact of the dynamic paradigm was to raise the reading level from third to fourth grade. Findings support the use of L. S. Vygotsky's zone of proximal development concept in developing dynamic procedures for reading assessment. (Two tables of data are included; 21 references and examples of word mediation are attached.) (RS)

ED 327 809 CS 010 081

Dixon-Kraus, Lisbeth A. Jennings, Clara M.
A Report on the Social Context Model of Adult Literacy.
Pub Date—May 90

Note—36p; Paper presented at the Annual Meeting of the International Reading Association (35th, Atlanta, GA, May 6-11, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Adult Education, *Adult Literacy, Adult Reading Programs, Basic Skills, Instructional Effectiveness, *Models, Program Descriptions, *Reading Instruction, *Writing Instruction Identifiers—*Social Context Activity Literacy Model

The social context activity model of adult literacy instruction posits that literacy is a relative phenomena and literacy needs are specific to the individual and the social context within which the individual operates. Instruction is based on the concept of activity with a prospective focus on the formation of students' shared and personal literacy motives and goals. The social context program contains four phases: (1) planning; (2) assessment; (3) transition; and (4) maintenance. In the planning phase, common interest and needs of the social unit cluster are identified.

tified, students are accessed through their social unit, and small learning groups are formed. Three intermittent assessment phase sessions are conducted to identify student self-perceptions used to guide content of the literacy instructional activities. The transition phase includes nonthreatening reading, writing, speaking, and listening activities to build peer support and transform students' negative resignations toward learning. The maintenance phase contains more structured literacy activities used to teach students self-directional mediational devices that promote independence in continued literacy improvement. (Two figures diagramming the social context model are included; 40 references are attached.) (Author/RS)

ED 327 810

CS 010 350

Irwin, Martha. And Others.
Using Computers in Reading Instruction.
Michigan Reading Association.
Pub Date—87
Note—7p.

Pub Type—Guides - Non-Classroom (055) —
Guides - Classroom - Teacher (052) — Reference
Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Computer Uses in Education, Databases, Elementary Secondary Education, *Microcomputers, *Reading Instruction, Word Processing, *Writing Instruction

The two components of this document are: (1) a brief position paper; and (2) a related but independent bibliography of references on using computers in reading/writing instruction. The paper presents six recommendations for the intelligent use of computers in the teaching of reading and composition, discussing the guidelines of the International Reading Association, integration within the curriculum, selection of software, access to hardware and software, consultation with parents, and preparation of teachers. The bibliography lists references which may help people keep up to date with the rapid developments in technology and their applications to language arts instruction. It lists 9 journals and newsletters of professional organizations as well as 18 books dealing with issues and practical suggestions for using computers in reading/writing instruction. (SR)

ED 327 811

CS 010 363

Teaching Students How To Learn: Ideas for Teaching Information Skills.
Tasmanian Education Dept., Hobart (Australia).
Report No.—ISBN-0-7246-1320-X
Pub Date—86

Note—48p.

Available from—The Marketing Officer, Department of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A10.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Class Activities, Curriculum Development, *Curriculum Enrichment, Elementary Secondary Education, Foreign Countries, Higher Education, Information Sources, Inservice Teacher Education, *Instructional Effectiveness, Instructional Materials, Preservice Teacher Education, *Study Skills, *Teaching Methods
Identifiers—*Information Skills

This book is intended to contribute to the planning and discussion of information skills teaching as an integral part of the total school/college curriculum in Tasmania. It describes how the learning skills of finding, assessing, and using whatever information is useful or enjoyable for the purposes of thinking, communicating, and valuing can be taught as an integral part of every teacher's existing curriculum. The materials presented in the book offer a teaching approach; examples of use of the approach in the classroom; ideas for developing a whole school/college approach; and materials for use in pre-service and in-service seminars. The book's main concern is to explore different approaches to the teaching of information skills. Section 1: Teaching Information Skills contains the following chapter titles: (1) "Basic Questions"; (2) "Assumptions"; (3) "The Teaching of Information Skills"; (4) "Inquiry Learning and Information Skills"; and (5) "Implications for a Whole School/College Approach." Section 2: Classroom Activities include the following chapter titles: (6) "Inquiry Guides for Students"; and (7) "Case Studies." Appendixes include a project history and methodology and an annotated bibliography. (MG)

ED 327 812

CS 010 366

Narang, Harbans L.
Helping Students Become Independent Readers.
Pub Date—Dec 90

Note—14p; Paper presented at the Annual Conference of the Freshman Year Experience (Tampa, FL, December 1990). Appendix B contains light, broken type.

Pub Type—Speeches/Meeting Papers (150) —
Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Content Area Reading, *Critical Reading, Higher Education, Metacognition, Reading Assignments, *Reading Comprehension, Reading Processes, *Reading Strategies, Student Educational Objectives
Identifiers—Information Focus, Reading Uses

To help achieve success, students must construct purposes for reading so that they can gain the appropriate kind of information while reading. After a student has set a purpose for reading, she/he may preview the material to be read. The next step is to read the material at an appropriate speed considering the purpose for reading and the nature of the material. When reading is taking place, comprehension problems may arise for a variety of reasons. A good reader becomes aware of these problems because she/he is monitoring comprehension. A reader may use any of the following strategies if comprehension problems arise during reading: ignore the problem and continue reading; suspend judgment; form a tentative hypothesis; use text information; reread the current sentence; reread the previous context; or go to an expert source. Making notes during reading to summarize what has been read is important, especially if the purpose is to use information for a written or oral presentation. Successful learners are not only aware of their metacognitive strategies but also use them to control and monitor their learning. (Two figures are included and 10 references are attached. Appendixes include: a list of approaches to improve reading in every class, the "One Q Five R" Version and the "Six R" Version.) (MG)

ED 327 813

CS 010 368

Kleiman, Angela B.
Children's Failure To Read: Learner Deficit or Task Artifact?
Pub Date—Apr 90

Note—20p; Revised version of a paper presented at the Meeting of the World Congress of Applied Linguistics sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990). Best copy available.

Pub Type—Speeches/Meeting Papers (150) —
Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Foreign Countries, Grade 8, Junior High Schools, *Reading Comprehension, *Reading Instruction, Reading Research, Socioeconomic Background, Student Characteristics, *Textbook Evaluation
Identifiers—*Brazil, Text Factors

Because of extremely low salaries paid to teachers in the Brazilian public school system, the profession increasingly attracts only persons from the lower income levels who may not themselves be comfortable with the literacy skills they are supposed to teach. Working under extremely hard conditions, and being ill prepared for her profession, the teacher tends to blame various cultural lacks or deficits in her students to explain their failure to learn. The fallacy of this "deficit hypothesis" can be shown by examining textbooks used to teach reading and in classroom research. Reading textbooks place heavy demands on students' capacity to manipulate discrete elements of text, and no demands on making sense out of text. In one experiment, 40 eighth-grade students were divided equally into experimental and control groups. The experimental group was given a passage and told to write a summary without being able to look at the passage while the control group was allowed to look at the passage. Results indicated that all of the experimental group used integrating, combinatory rules in writing the summary, while only one of the control group was able to use such rules. In another experiment, 53 eighth-graders were divided into two control groups and one experimental group. The control groups read one of two versions of a passage in which different lexical choices were made. The experimental group received both versions of the text. Results indicated that students who had access to only one version were incapable of perceiving the

discourse value of the words in question, whereas students who had to focus on whatever differences they could perceive between the two versions were able to perceive the discourse value of the same words. Findings of both experiments suggest that students showed a remarkable capacity to deal with text and written discourse. They also indicate the fallacy of all types of deficit theories which permit ethnocentric interpretations that only disguise the true causes of student failure. (Fifty-five references are attached.) (RS)

ED 327 814

CS 010 369

Berninger, Virginia W. Abbott, Robert D.
Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner.

Pub Date—Aug 90

Note—59p; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150) —
Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Comparative Analysis, *Data Analysis, Grade 1, Primary Education, *Reading Processes, *Reading Research, *Research Methodology
Identifiers—Ecological Fallacy (Testing)

A study examined whether conclusions about constructive processes in reading based on analysis of group data were consistent with those based on an analysis of individual data. Subjects, selected from a larger sample of 45 first grade students who had participated in a longitudinal study on acquisition of linguistic procedures for printed words, were from a variety of ethnic and cultural backgrounds and were relatively homogeneous in socioeconomic indicators. The same data set of reading-related processing measures was analyzed in four different ways. In the first approach, the analysis was based on achievement groups, aggregated over children drawn from different classrooms, with variation among children within the group treated as error. In the second approach, the analysis was based on instructional groups taught by the same teacher, with error estimated as in the first approach. Analysis in the third approach was based on the same children as the second approach but variation among children was treated as systematic variance and individual responses over stimulus trials were used to estimate error. Finally, in the fourth approach, separate analyses were performed for each child in the instructional groups in a design that used variation over stimulus trials to estimate error. Results depended on how the data were aggregated: the first two analyses indicated that there is one process in reading acquisition, while results of the last two analyses indicated that there is not one single process in learning to read. Rather, even when the instructional program was held constant, variation in children's constructive processes resulted in the learners using instructional cues in more than one way. Differences in conclusions were attributed to the ecological fallacy in which inferences about one unit of analysis are based on analyses at another level. (Five tables of data are included; 60 references are attached.) (Author/RS)

ED 327 815

CS 010 370

Robinson, Susan Smith
Developmental Spelling and Other Language Predictors of Reading Achievement.

Spons Agency—Iowa State Univ. of Science and Technology, Ames. Research Inst. for Studies in Education.

Pub Date—Nov 90

Note—13p; Paper presented at the Annual Meeting of the National Reading Conference (40th, Miami, FL, November 27-December 1, 1990).

Pub Type—Speeches/Meeting Papers (150) —
Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Comparative Analysis, *Invented Spelling, Kindergarten, Longitudinal Studies, *Predictive Measurement, Predictive Validity, Primary Education, *Reading Achievement, Reading Research

Identifiers—*Iowa Tests of Basic Skills

A longitudinal study determined if children's invented spelling served as a viable predictor of reading achievement and compared the predictive value of assessing children's invented spelling relative to other notable predictors, such as letter names, letter sounds, a concept of a word, and phonemic awareness. Subjects, 52 kindergarten children attending

an elementary school representing an upper-middle to upper-class socioeconomic stratum, were given a battery of four beginning reading tasks and a measure of spelling ability twice in the kindergarten year. Two years later, the 38 remaining subjects were given the reading comprehension subtest of the Iowa Test of Basic Skills. Results indicated that letter names and letter sounds continue to be impressive predictors of subsequent reading achievement; assessment of early spelling ability was also a viable predictor even after 16 months. Findings suggest that the critical issue in assessing invented spelling appears to be in waiting until children are capable of producing written language that reflects phonetic processing. (Two tables of data are included; 17 references are attached.) (RS)

ED 327 816 CS 010 371

Ahai, Nathuwu

Literacy in an Emergent Society: Papua New Guinea.

Pub Date—Oct 90

Note—21p; Paper presented at the International Literacy Year Colloquium (Washington, DC, October 9-31, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports—Descriptive (141)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Adult Basic Education, *Community Programs, *Developing Nations, *Foreign Countries, *Literacy, Literacy Education, *National Programs, Program Descriptions

Identifiers—Historical Background, *National Policy, *Papua New Guinea

Papua New Guinea has made tremendous progress by officially recognizing the value of vernacular languages as a resource in the sociocultural, economic, and political development of the country. Many of the strategies of implementation reflect the peculiarities identified with the current momentum in literacy. The strong lower level involvement in all aspects of literacy (planning, administration, funding, buildings, curriculum, materials, evaluation) differs from the experience of other countries whose literacy programs are heavily centralized. The problems of achieving universal literacy in a country with 860 languages are enormous. The task, however, is not impossible given adequate resources. International cooperation has a role to play in the spread of literacy in Papua New Guinea. The Australian government sponsors the Melanesian Literacy project in which people from the Melanesian countries (Vanuatu, Solomon Islands, and Papua New Guinea) are trained as literacy workers by Melanesians in Melanesia itself. Funding assistance should be with the aim of enhancing local literacy programs, and funding should reflect the needs of the people themselves. The availability of expertise in Papua New Guinea does not seem as urgent a problem as it was in the past. Many of the innovations in literacy programs will be refined as time goes on, but the future of literacy in Papua New Guinea is bright. (RS)

ED 327 817 CS 010 372

Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide.

Advanced Technology, Inc., Indianapolis, IN.

Report No.—TAC-B-61

Pub Date—[88]

Note—192p.

Available from—Advanced Technology, Inc., 2601 Fortune Circle East, Suite 300A, Indianapolis, IN 46241.

Pub Type—Guides—Non-Classroom (055)

EDRS Price—MF01/PC08 Plus Postage.

Descriptors—Elementary Education, *Inservice Teacher Education, Leaders Guides, Leadership Training, *Reading Comprehension, Reading Instruction, Reading Processes, *Reading Strategies, *Workshops

Identifiers—*Education Consolidation Improvement Act Chapter 1

This Workshop Leader's Guide is designed to assist Technical Assistance Center staff members and other inservice providers in conducting successful workshops on reading comprehension for teachers, administrators, and others associated with Chapter 1 programs. The guide contains step-by-step procedures for preparing, organizing, and presenting a one-hour workshop. The first section of the guide includes an introduction, a detailed checklist for materials and equipment needed to conduct the workshop, an advance planner, and the detailed instructions for presenting the workshop. The second

and third sections of the guide contain the blackline masters for the participant handouts and overhead transparencies referred to in the workshop outline (including an ERIC Digest on "Dialogue Journal." (RS)

ED 327 818 CS 010 373

Reading Recovery 1984-1989. No. 4.

Ohio State Univ., Columbus. Coll. of Education.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC. National Diffusion Network.

Report No.—TAC-B-115

Pub Date—Dec 89

Note—13p.

Pub Type—Information Analyses (070)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Beginning Reading, Early Intervention, High Risk Students, Literature Reviews, Primary Education, Program Effectiveness, Program Evaluation, *Reading Improvement, *Reading Instruction, *Reading Programs, *Reading Research

Identifiers—*Reading Recovery Projects

This research report documents the development of the Reading Recovery Program in the United States from its inception in 1984. The report provides summaries of the various empirical studies that have been conducted. The report concludes that: (1) evidence from the first years of implementation indicates that Reading Recovery has had positive outcomes for children initially determined to be at risk for failure in reading; (2) children retain their gains and continue to make progress at least 3 years after the intervention; (3) classroom teachers and parents have responded positively to the programs; and (4) Reading Recovery Teachers have reported growth in knowledge and in skill in teaching reading. (RS)

ED 327 819 CS 010 376

Carville, Rebecca F. Parker, Karen L.

Join the Club! A New Approach to the Traditional Reading Clinic.

Pub Date—Nov 90

Note—8p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports—Descriptive (141)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*College School Cooperation, Elementary Education, Higher Education, Instructional Effectiveness, Junior High Schools, Preservice Teacher Education, Program Descriptions, *Reading Attitudes, Reading Games, Remedial Programs, *Remedial Reading, Teaching Experience, *Tutoring

Identifiers—Liberty University VA, Reading Motivation

A "Reading Club" approach at Liberty University (Virginia) has been implemented to avoid the stigma that may be associated with elementary and junior high school students receiving remedial reading instruction. Students in grades K-8 from the local schools come to the university campus to be tutored in reading. Elementary education majors enrolled in the reading diagnosis and remediation course provide one-to-one tutoring. The sessions are referred to as a "Reading Club" rather than a reading clinic to avoid the medical/disabled connotations associated with a clinic. The club theme is carried out with contests and prizes. Enrichment is provided for those reading at or above grade level as well as for those reading below grade level. Although the Reading Club concept is utilized to promote a positive atmosphere, the tutoring sessions are serious business. The results of the Reading Club are sometimes immediate. Students who indicated a negative attitude toward reading during their first visit often return the next week with enthusiasm about what they have read. Parents report that performance and attitudes at school have improved as well. Students look forward to attending the Reading Club meeting each week and tutors also enjoy teaching with the positive approach. (RS)

ED 327 820 CS 010 377

Pittelman, Susan D. And Others

Semantic Feature Analysis: Classroom Applications. Reading Aids Series.

International Reading Association, Newark, Del.

Report No.—ISBN-0-87207-235-5

Pub Date—91

Note—71p.

Available from—International Reading Association,

800 Barksdale Rd., P.O. Box 8139, Newark, DE 19714-8139 (\$4.00 members, \$6.00 nonmembers).

Pub Type—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—*Class Activities, Elementary Secondary Education, Reading Strategies, Reading Writing Relationship, Semantics, Teaching Methods, Vocabulary, *Word Study Skills

Identifiers—*Semantic Feature Analysis

This book discusses semantic feature analysis, a strategy that helps teachers focus students' attention on vocabulary and increase their sensitivity to language. The first half of the book deals with the theoretical foundation, reviews the research, and describes the basic teaching strategy of semantic feature analysis. The book's second half is devoted to classroom applications of this knowledge, and includes semantic feature analysis in content area lessons, in reading instruction, in integrated reading/writing lessons, as well as a semantic feature database lesson. Twenty-one figures are included, and 71 references are attached. (SR)

ED 327 821 CS 010 378

Pollock, John S. And Others

Language Development Component Compensatory Language Experiences and Reading.

CLEAR-Reading Recovery Program, 1989-90.

Final Evaluation Report.

Columbus Public Schools, Ohio.

Pub Date—Dec 90

Note—89p; For 1988-89 report, see ED 315 748.

Pub Type—Reports—Research (143)—Tests/Questionnaires (160)

EDRS Price—MF01/PC04 Plus Postage.

Descriptors—*Compensatory Education, Early Intervention, Grade 1, High Risk Students, Individualized Reading, Primary Education, Reading Achievement, Reading Comprehension, *Reading Diagnosis, *Reading Improvement, *Reading Instruction, Reading Programs, Reading Research, *Remedial Reading, Underachievement

Identifiers—*CLEAR Reading Recovery Program, *Columbus Public Schools OH, Education Consolidation Improvement Act Chapter 1, Metropolitan Achievement Tests

The 1989-90 Compensatory Language Experiences and Reading-Recovery (CLEAR-RR) Program of the Columbus, Ohio Public Schools was implemented to provide early intervention to 514 underachieving first-grade pupils who appeared unlikely to learn to read successfully without intensive instruction. Specially trained teachers provided one-on-one half-hour daily lessons during the school year. The 184 pupils included in the final pretest-posttest analysis had received 60 or more instructional lessons or were successfully discontinued from the program and reported valid scores for the pretest and posttest. The major evaluation effort was to be accomplished through the administration of the Metropolitan Achievement Tests (MAT6). Results indicated that the program met each of the three desired outcomes: (1) over half of the students had a normal curve equivalent gain of 3.0 or better; (2) 90% of the students were not retained in the first grade; and (3) 95% had parental involvement in the program. Findings support continuation of the CLEAR-RR program. (Eight additional recommendations and 24 tables of data are included; survey instruments are attached.) (RS)

ED 327 822 CS 010 379

Rasinski, Timothy V. And Others

Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten.

Pub Date—Nov 90

Note—14p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports—Research (143)—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Interviews, Kindergarten Children, Parent Child Relationship, *Parent Participation, *Parent Role, Primary Education, Reading Research, *Reading Skills, Reading Writing Relationship, *Whole Language Approach, *Writing Skills

Identifiers—Emergent Literacy, *Literacy Events

A study focused on families whose children were successful but not exceptional students in kindergarten. Subjects were eight parents (all mothers) whose children had been enrolled the previous year

in a kindergarten program that maintained a whole language curricular orientation. The children (four girls and four boys) were highly successful in kindergarten though none had been deemed exceptional in the progress they made in learning to read and write by the teacher, parent, or third-party observers who were part of the research team. Parents were interviewed during the two months immediately following the children's completion of kindergarten. The parents were asked a set of questions concerning their approach to literacy learning and their satisfaction with the kindergarten's holistic curriculum. Interview results indicated several home-based literacy activities including the following: reading aloud; taking dictation from child; developing interest in words, through games, etc.; writing; and providing an informal and functional literate environment. Two conclusions were drawn from the study: (1) the home literacy activities described are similar to those described in that work and tend to validate the conclusions derived from previous work; and (2) the literacy activities in the home were highly congruent with those found in the whole language kindergarten. (MG)

ED 327 823 CS 010 380

Miller, Janet A.
Theoretical Orientation of British Infant School Teachers.

Pub Date—Nov 90

Note—13p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*British Infant Schools, Foreign Countries, Primary Education, *Reading Instruction, Reading Research, Reading Skills, *Reading Teachers, *Whole Language Approach. Identifiers—Emergent Literacy, *England, Theoretical Orientation to Reading Profile.

A study examined the theoretical orientation of infant school and infant department teachers in England. The Theoretical Orientation to Reading Profile (TORP) was used to determine the teacher's orientation to reading instruction. TORP applies a Likert scale response system to a series of statements about how reading should be taught. Subjects included 146 teachers and head teachers from over 40 different schools. Three teachers scored within the lower range indicating a phonics orientation. One hundred nineteen scored within the middle range of the scale which indicated a skills orientation. Twenty-four responded within the high range of the scale indicating a more whole language orientation. These results indicated that the majority of the teachers who participated in the study appeared to hold a skills orientation to reading instruction, rather than a whole language orientation. Nevertheless, many teachers indicated preferences for several of the practices associated with whole language. Their "middle of the road" orientation, in addition to the traditional autonomy of individual schools and teachers in determining instructional methods and materials in England, apparently results in the use of a wide variety of approaches to beginning reading, including reading schemes, trade books, thematic units and an integrated day which incorporates a number of language-related activities which support emergent literacy. (One figure is included; 11 references are attached.) (MG)

ED 327 824 CS 010 381

Lewis, Bernice Branford
Reading Made Easy: A Handbook.

Pub Date—80

Note—65p.

Available from—Bernice Branford Lewis, 3400 Forest Park Ave., Baltimore, MD 21216 (\$5.00 including postage; \$3.00 plus postage and handling for large quantities).

Pub Type—Guides - Classroom - Teacher (052) — Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Decoding (Reading), Early Reading, Elementary Education, Parent Child Relationship, *Parents as Teachers, *Phonics, *Reading Instruction, *Reading Skills, Word Study Skills. This phonics outline is designed as a guide for parents, as a manual for teachers, and as a handbook for those who wish to improve their reading pronunciation skills. The purposes of the handbook are: (1) to show parents what a person needs to know to become a good reader; (2) to provide a convenient

source of words that follow rules of phonics; (3) to show the likenesses in words; and (4) to help teenagers and adults who would like to improve their reading skills. The general aim is to encourage each parent, as the child's first teacher, to prepare the young person for school by teaching him or her certain information and providing him or her with a variety of experiences starting with the names of the letters. (RS)

ED 327 825 CS 010 382

Rosenberg, Louise C. LaRosa, Barbara V.
College Learning Strategies: A Retention Model for At-Risk Students.

Pub Date—Nov 90

Note—5p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Basic Skills, College Bound Students, College Freshmen, *College Instruction, *Developmental Studies Programs, Higher Education, *High Risk Students, High Schools, Learning Strategies, Program Descriptions, School Holding Power, Study Skills, Summer Programs, *Transitional Programs.

Identifiers—*University of Hartford CT

The Pre-College Summer Institute (PCSI) program has been in effect at the University of Hartford, College of Basic Studies, since the summer of 1968. PCSI was a five-week, five-days-a-week program designed to evaluate and prepare marginally acceptable students for the college's entering freshman class. Initially, the program was designed to include only three non-credit bearing courses—English, math, and reading/study skills. In 1976, the program was changed with the addition of a Western Civilization course. During the summers of 1986 and 1987, college credit was given for successful completion of the Reading/Study Skills course. Students selected for the PCSI program have SAT scores within specific ranges and have particular problems with motivation, focusing on goals, attendance, time management, and commitment to task. In the summer of 1990, a small percentage of minority students were added to the predominantly upper middle class student population. There is a need for programs such as PCSI to provide underprepared students with the means to achieve the most from their college experiences. The classes consist of 10 students per section and meet daily for 1 hour 15 minutes for 5 weeks. Diverse instructional approaches were used including lectures, textbook readings, small group assignments, lab applications, journals, site visits, projects, and exams. Problems include lack of available statistics and information about the preceding classes, little follow-up after students leave the program, and scheduling of classes. PCSI is undergoing some radical changes in admissions, scheduling, and course offering. (RS)

ED 327 826 CS 010 383

Fischer, Debra L.
The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling.

Pub Date—Dec 90

Note—138p; M.S. Practicum, Nova University. Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Aural Learning, Children's Literature, Grade 1, Instructional Effectiveness, *Listening Comprehension, *Listening Habits, *Listening Skills, Parent Participation, Primary Education, *Reading Aloud to Others, *Story Reading.

Identifiers—Stanford Achievement Tests

A practicum was conducted to improve the listening skills of a first grade class in a public elementary school in a mostly Hispanic residential community. A listening program was developed and implemented to increase listening skills. Storytelling was the main strategy used, and it was implemented daily. Other listening activities were also incorporated into the curriculum to aid in listening improvement. The results were favorable and showed significant gains. Listening skills improved in all the students on the pre- and posttest and improvement was also noticed on the Stanford Achievement Test in listening comprehension. The teacher increased the number of stories read daily and recognized the importance of oral reading to improve listening skills. Parent involvement seemed enthusiastic and cooperative at first; however, few weekly monitor-

ing sheets were returned to indicate that parents were reading aloud to children at home. It was concluded that reading orally to students on a daily basis should be an integral part of the curriculum in order for listening skills to improve. Appendixes include sample pre- and posttest, sample checklists for teacher, sample monitoring sheet, sample parent letter and questionnaire, sample listening activities used during implementation, a handbook of books/stories read during implementation, and handouts given to teachers. (Author/MG)

ED 327 827 CS 010 384

Siegel, Donna Farrell Hanson, Ralph A.
Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.

Pub Date—Nov 90

Note—29p; Paper presented at the Annual Meeting of the Oklahoma Association of Teacher Educators (Oklahoma City, OK, November 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Beginning Reading, *Bilingual Students, High Schools, High School Seniors, Kindergarten, Primary Education, *Reading Achievement, Reading Comprehension, Reading Rate, Reading Readiness, Reading Research, Vocabulary Development.

Using extensive data gathered from a follow-up study on an early reading program which tested the reading competence of high school seniors who had received formal beginning reading instruction in kindergarten, an ancillary study investigated the effects of early formal reading instruction on bilingual students. Three of the dependent variables (reading comprehension, vocabulary, and remediation) from the full study were evaluated for 496 students identified as speakers of English as a second language. For each of these variables an analysis of variance was computed for three reading experience categories: (1) those receiving no kindergarten reading instruction; (2) those receiving some kindergarten reading instruction; and (3) those completing much/all of the kindergarten reading instruction provided. Consistent with the findings for other population groups of the parent study, results revealed that those bilingual students who began receiving their formal reading instruction in English at the kindergarten level had significantly better reading comprehension scores, significantly fewer remedial experiences, and generally better vocabulary scores as seniors in high schools than those bilingual students who did not. (One figure and one table of data are included for the bilingual study; an appendix containing a summary of the follow-up study is attached.) (KEH)

ED 327 828 CS 010 385

Licari, Rosanne
The Effects of Directed Writing Activities on Reading Comprehension Performance.

Pub Date—Aug 90

Note—48p; Paper presented at the Annual Meeting of the Northeastern Educational Research Association (Ellenville, NY, October 31-November 2, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Basal Reading, Educational Research, Grade 4, Intermediate Grades, *Reading Comprehension, *Reading Instruction, Reading Research, *Reading Tests, *Reading Writing Relationship, *Teaching Methods.

Identifiers—Comprehensive Tests of Basic Skills, *Directed Reading Writing Activities, New England

A study compared the teaching methods of basal readers to writing/reading integration as they effect reading comprehension. Forty fourth-grade students from an urban area of New England completed the Reading Comprehension Subtest of the Comprehensive Test of Basic Skills (CTBS) for grade 3 as a pretest. A control group of 20 students were instructed throughout the entire fourth-grade year in reading solely with the HBJ Basal Reading Program. The experimental group of 20 students also completed the HBJ Basal Reading Program on the fourth-grade level but additionally were instructed in a wide range of writing activities based on trade books. Both groups were then given the fourth-grade Reading Comprehension Subtest of the CTBS after the nine-month period. The experimental group did not score significantly higher than

the control group on the 45 multiple-choice responses based on a variety of comprehension questions. Analysis done with an independent t-test indicated that students who practiced and strengthened their comprehension skills by using writing activities displayed no difference in comprehension skills measured by a multiple-choice format. (Two tables of data are included, 15 references are attached, and appendices containing statistical analysis, curriculum objectives, and basal reader scope and sequence are provided.) (Author/SR)

ED 327 829 CS 010 386

Levine, Daniel U. Sher, John K.

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.

Missouri Univ., Kansas City. Center for the Study of Metropolitan Problems in Education.

Pub Date—May 90

Note—34p; For the full report, see CS 010 387.

Pub Type—Reports—Research (143)—Guides—Non-Classroom (055)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*Instructional Effectiveness, Intermediate Grades, *Reading Comprehension, *Reading Improvement, *Reading Programs, Reading Tests, Secondary Education, Student Improvement, Teacher Effectiveness, *Urban Education

Identifiers—*Degrees of Reading Power, Kansas City Public Schools MO, New York City Board of Education, Orange County Public Schools FL

This document summarizes a report on the implementation and impact of instructional strategies to improve students' comprehension skills at three diverse urban secondary schools. While activities and characteristics varied, educators at all three locations were implementing local variations of a school-improvement approach based on the use of the Degrees of Reading Power (DRP) approach intended to help teachers acquire and use comprehension-improvement strategies in the classroom. Following an introduction, the first section describes the program at the ninth-grade School-within-a-School (SWAS) program for low-achieving students in Kansas City, Missouri, high schools. The second section discusses the Elizabeth Barrett Browning Intermediate School 115 in the Bronx, New York (grades 6-8), while the third section deals with Apopka High School (grades 9-12) in the Orange County Public Schools in the Orlando, Florida, metropolitan area. The final section contains discussion and conclusions. It is noted that at all three schools, gains appear to have been made with respect to students' reading comprehension performance on the DRP test; and that emphasis in improvement efforts included substantial staff development, activities to motivate students, and utilization with local variations of an approach the College Board developed to help teachers acquire and implement instructional strategies for enhancing students' comprehension. A glossary of strategies is appended. (SR)

ED 327 830 CS 010 387

Levine, Daniel U. Sher, John K.

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools.

Missouri Univ., Kansas City. Center for the Study of Metropolitan Problems in Education.

Pub Date—May 90

Note—168p; For a summary of this report, see CS 010 386. Frequent faint, blurred, smudged type.

Pub Type—Reports—Research (143)—Guides—Non-Classroom (055)

EDRS Price—MF01/PC07 Plus Postage.

Descriptors—*Instructional Effectiveness, Intermediate Grades, *Reading Comprehension, *Reading Improvement, *Reading Programs, Reading Tests, Secondary Education, Student Improvement, Teacher Effectiveness, *Urban Education

Identifiers—*Degrees of Reading Power, Kansas City Public Schools MO, New York City Board of Education, Orange County Public Schools FL

This report describes in depth the implementation and impact of instructional strategies to improve students' comprehension skills at three diverse urban secondary schools. While activities and characteristics varied, educators at all three locations were implementing local variations of a school-improvement approach based on the use of the Degrees of Reading Power (DRP) approach intended to help teachers acquire and use comprehension-improvement strategies in the classroom. Following an in-

troduction, the first chapter describes the program at the ninth-grade School-within-a-School (SWAS) program for low-achieving students in Kansas City, Missouri, high schools. The second chapter discusses the Elizabeth Barrett Browning Intermediate School 115 in the Bronx, New York (grades 6-8), while the third chapter deals with Apopka High School (grades 9-12) in the Orange County Public Schools in the Orlando, Florida, metropolitan area. The final chapter contains discussion and conclusions. The report notes that at all three schools, gains appear to have been made with respect to students' reading comprehension performance on the DRP test; and that emphasis in improvement efforts included substantial staff development, activities to motivate students, and utilization with local variations of an approach the College Board developed to help teachers acquire and implement instructional strategies for enhancing students' comprehension. Three figures and 26 tables of data are included. A glossary of strategies and a list of 60 references and related materials are appended. (SR)

ED 327 831 CS 010 388

Qian, Gaoyin

Review of the Interactive Model: Reconsideration of Reading and Writing Relationship.

Pub Date—3 Nov 90

Note—8p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150)—Information Analyses (070)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Critical Thinking, Elementary Secondary Education, Higher Education, *Models, *Reading Processes, *Reading Research, *Reading Writing Relationship, Research Needs, *Writing Processes, *Writing Research

Identifiers—*Interactive Model

Studies from the interactive perspective regard reading and writing as processes which share a common knowledge base and have similar mental operations. First, according to this model, reading and writing are both interactive processes. Second, both readers and writers go through the same activities as planning, drafting, aligning, revising, monitoring, and checking outcomes. Also, readers and writers seem to share some mental operations by engaging in reflective thinking after they have finished with their respective texts. Research from the interactive perspective has shown that (1) the interactive model is more effective than two other models in teaching second and fifth graders; (2) writing affects both students' reading comprehension and critical thinking; and (3) combining reading with writing contributes to a wider range of both quantity and quality of revisions to writing than does writing without reading. The interactive model suggests that writing should be introduced to the students as soon as reading begins. Although it has been found that reading activity and instruction can influence writing ability and that writing instruction can enhance reading ability, quite often no such transfer between reading and writing occurs. Researchers anticipate that the 1990s will see efforts made to explore the reading writing relationship from the interactive perspective, the communicative perspective, and the collaborative perspective. There is a scarcity of research on the effect reading and writing have upon the critical thinking of high school students. (RS)

ED 327 832 CS 010 389

Shaver, Judy C. Wise, Beth S.

Literacy: The Impact of Technology on Early Reading.

Pub Date—Dec 90

Note—14p; Paper presented at the Annual Meeting of the American Reading Forum (11th, Sarasota, FL, December 12-15, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports—Descriptive (141)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Beginning Reading, *Computer Assisted Instruction, Early Intervention, Grade 1, *Instructional Effectiveness, Kindergarten, *Microcomputers, Primary Education, Program Descriptions, *Program Effectiveness, *Whole Language Approach

Identifiers—Education Consolidation Improvement Act Chapter 1, Louisiana, *Writing to Read Program

In reflecting on an overview of research on microcomputers in the public schools, a researcher found that early programs were largely based on a programmed instruction model. Computers were

primarily used to provide for simple repetition of low-level decoding tasks. The emphasis of whole language literacy is in direct contrast to this approach. Rather than teaching the various aspects of communication as separate entities, whole language focuses on the integration of the communication skills of listening, speaking, writing, and reading. The computer can be a valuable tool for helping to immerse children in an environment in which print is filled with meaning. A computer-based program, "Writing to Read," was developed by IBM to enhance writing and reading skills of kindergarten and first grade students by increasing students' understanding of sounds, words, and sentence structure. Based on the success nationally of the "Writing to Read" program, 20 "Writing to Read" programs funded by state grants in Louisiana were evaluated to determine their effectiveness. Results revealed similar statistics to those found nationally: (1) increased gain scores on word recognition and vocabulary; (2) improved writing samples; (3) increased ability to remain on task; (4) greater self-confidence; (5) fewer retentions; and (6) enthusiastic support from teachers and parents. An IBM "Writing to Read" lab was installed in a local Chapter 1 school in a low socioeconomic area. Results after the first full year of operation are similar to results achieved state-wide. (Three tables of data are included.) (RS)

ED 327 833 CS 010 390

Worthington, Jim

Reading Groups: Problems, Solutions.

Pub Date—May 91

Note—10p; Paper presented at the Annual Meeting of the International Reading Association (36th, Las Vegas, NV, May 6-10, 1991).

Pub Type—Speeches/Meeting Papers (150)—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Ability Grouping, *Classroom Environment, Classroom Research, Cooperative Learning, Elementary Education, Large Group Instruction, *Reading Instruction, Reading Research, Small Group Instruction, Teaching Methods

The practice of grouping children of similar ability for reading instruction is as much a part of the classroom as the chalkboard, yet for decades research into classroom practice has raised serious questions about ability grouping. A research project using a meta-analysis approach to analyze more than 50 research studies concluded that ability grouping does not enhance student achievement in the elementary school. Some teachers have used the traditional high, average, and low ability reading groups simply to be able to manage the classroom. A variety of alternative grouping procedures are widely practiced in classrooms for math, social studies, and science, but rarely for reading. It is almost as if reading is too important to tamper with, so teachers and administrators feel constrained to stick to familiar, if less effective, practice. Teachers should vary their grouping arrangements as they move toward whole group instruction and away from the traditional three ability groups. The great need is for balance across classroom grouping arrangements, not a wholesale abandonment of small group instruction in favor of whole groups. The problem of ability grouping can be solved with a careful use of a variety of grouping strategies including whole group instruction, teacher-led and peer-led small group instruction and careful selection of individual learning activities. (RS)

ED 327 834 CS 010 391

Teachers and Independent Reading: Suggestions for the Classroom.

Illinois Univ., Urbana. Center for the Study of Reading.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—[90]

Note—13p.

Available from—University of Illinois, P. O. Box 2276 Station A, Champaign, IL 61825-2276 (\$1.25 per copy; \$15.00 for a set of 15 copies).

Pub Type—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Classroom Environment, Elementary Education, *Independent Reading, Instructional Materials, Reading Programs, Recreational Reading, *Student Motivation, Supplementary Reading Materials, Teacher Role

Identifiers—*Reading Motivation

Designed to offer teachers suggestions to make independent reading an integral part of the school

day, this pamphlet discusses the following topics: the importance of independent reading; motivating students to read; arranging time for independent reading; setting up the classroom library; and establishing schoolwide reading programs. Lists of recommended reading, selected annotated bibliographies of children's books, and selected anthologies of children's books are appended. (RS)

ED 327 835 CS 010 392
A Guide to Selecting Basal Reading Programs.
Illinois Univ., Urbana. Center for the Study of Reading.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—G0087-C1001

Note—271p.

Available from—University of Illinois-Guide, P.O. Box 2121, Station A, Champaign, IL 61825-2121 (\$50 per set plus sales tax, where applicable; set of 9 booklets comes with a 3-ring binder and a copy of "Teachers and Reading: Suggestions for the Classroom").

Pub Type—Books (010) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC11 Plus Postage.

Descriptors—*Basal Reading, Elementary Education, *Reading Instruction, Reading Materials, *Reading Material Selection, *Reading Programs, *Textbook Evaluation, Textbooks, Textbook Selection

Identifiers—Center for the Study of Reading IL

A series of nine booklets was developed to help members of textbook adoption committees, teacher educators, inservice leaders, and policymakers gather information, develop evaluation guidelines, and organize their findings as they select new reading programs and evaluate existing ones. Each booklet focuses on a specific aspect of instruction. Titles include: Beginning Reading and Decoding Skills; Comprehension I: The Directed Reading Lesson; Comprehension II: Skills and Strategies; Reading and Writing Instruction; Selections in the Basal Reader; Tests on Basal Reading Programs; Vocabulary Instruction; and Workbooks. Following the same organizational pattern, the booklets each begin with a brief discussion of findings from research and effective practice. This information is then used in the booklets as the basis for guidelines that focus attention on specific areas or points. Next, a teacher assistance section offers suggestions for ways to incorporate the booklet's information into instruction. Finally, a set of worksheets provides a means for organizing evaluation findings. A leader's manual contains instructions for the guide's use, as well as general information about basal reading programs and the textbook adoption procedure. (Author/MG)

ED 327 836 CS 010 394

Ediger, Marlow

The Philosophical Arena and Reading.

Pub Date—[91]

Note—9p.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Educational Philosophy, Elementary Secondary Education, *Existentialism, *Platonism, *Reading Instruction, Reading Programs, *Realism

Identifiers—*Experimentalism, *Reading Motivation

Each plan for guiding pupils to read emphasizes an inherent philosophy or philosophies of education. Existentialism encourages reading by promoting free choice of reading material and relating decisions to results. A reading curriculum based on the tenets of realism would give the learner a view of the world as it actually exists. Experimentalism has much to offer in developing a functional reading curriculum. As such, a person can experience, but not know, reality as it truly exists. Idealists, on the other hand, believe that ideas represent ultimate reality in life. Because obtaining universal content through intellectual endeavors is the goal of the idealist, the duty of the learner is to move in the direction of the "Universal Ideal" or "Infinite Mind." Each of these philosophies can contribute to reading instruction. In any case, each student needs to attain optimally in the reading curriculum as well as in society. (SG)

ED 327 837 CS 010 395

Kremen, Phyllis G.

Transfer to Success.

Pub Date—Nov 90

Note—5p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Content Area Reading, Course Content, Critical Reading, Higher Education, Instructional Effectiveness, Reading Strategies, *Remedial Reading, Student Attitudes, *Study Skills

Identifiers—Seton Hall University NJ

The developmental college reading course at Seton Hall University has a traditional emphasis on literal, evaluative, and critical reading instruction. The course also has the objective to enable students to carry from the course the skills to be successful and confident in other reading intensive courses. "Transfer days" are thus begun; students bring textbooks from their most difficult courses, write "strategies" in class for attacking these books, and then take the completed strategies to peer response groups which test the strategies. Students get over their insecurities concerning reading intensive courses, feel they are in charge of their own learning experience, and enjoy this fresh approach to learning study skills. (RS)

ED 327 838 CS 010 396

Neal, Kathy S. Everson, Barbara

Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature.

Pub Date—Dec 90

Note—15p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Children's Literature, Elementary Education, Personal Narratives, *Prior Learning, *Reader Text Relationship, *Reading Instruction, Reading Writing Relationship, *Whole Language Approach, Writing Evaluation, *Writing Instruction

Identifiers—Aesthetic Reading, *Predictive Reading, Trade Books, Writing Contexts

Reading comprehension is much more than a decoding of the printed words on the page; it is, rather, a complex interaction between readers and their personal past experiences as they relate to the text. A connection between the text and past experiences of the readers can stimulate expectations about the text. Facilitating these links presupposes a careful review of appropriate children's literature. Two books particularly suited to calling up memories in the reader are "Wilfrid Gordon McDonald Partridge" by Mem Fox and "When I Was Young in the Mountains" by Cynthia Rylant. Teachers can generate a list of words representing key concepts from such books. Students then make their own predictions about the story's plot. After reading the story, these predictions are compared with the author's intended message. Students choose one of their own memories to use as a focus for personal narratives. These writings are first shared in peer-response groups and then the teacher responds to the writings. An analytical scale is used for assessing the writing. Such a scale guides a purposeful dialogue between student and teacher and eases the student through the process of revision. (The analytical scale is attached.) (RS)

ED 327 839 CS 010 397

Eanes, Robin Tutchings, Terry

An Evaluation of a College Developmental Reading Program.

Pub Date—Dec 90

Note—16p; Paper presented at the Annual Meeting of the American Reading Forum (11th, Sarasota, FL, December 12-15, 1990).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—College Freshmen, Higher Education, *Instructional Effectiveness, *Program Evaluation, Reading Research, Remedial Programs, *Remedial Reading

Identifiers—Saint Edwards University TX

A study examined the efficacy of the developmental reading program at St. Edwards' University and the "linked course model" in particular. Subjects, 100 of 365 first-time freshmen enrolled in the fall semester (excluding international students), had

SAT or ACT scores low enough to be placed in the developmental reading program. At the end of one year of instruction, the 100 students in the reading program were compared to the remaining 265 students in terms of retention rate, cumulative hours, and cumulative grade point averages. Of the 88 students who actually enrolled in reading courses, 16 were enrolled in a biology class which was "linked" to a developmental reading and English course. In linked courses, reading material from the biology course was used in the developmental courses. Six of the students took the biology course but were enrolled in a non-linked reading course. The remaining 66 students were enrolled in non-linked reading courses. Results indicated that (1) the developmental group of students contained proportionately more males and minority group members than the other group of freshmen; (2) there were virtually equal outcomes for all groups of freshmen in terms of retention, cumulative hours, and cumulative grade point averages; (3) developmental students in linked courses achieved slightly more credit hours than did the developmental students in non-linked courses; and (4) the grade-point averages of linked-course, developmental students surpassed those of other students in reading courses. (Three tables of data are included.) (RS)

ED 327 840 CS 010 398

Phillips, Laura A.

"Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach.

Pub Date—Dec 90

Note—17p; Paper presented at the Annual Meeting of the American Reading Forum (11th, Sarasota, FL, December 12-15, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Children's Literature, Classroom Research, Grade 5, *Instructional Effectiveness, Intermediate Grades, Literature Appreciation, Low Achievement, Program Evaluation, Reading Aloud to Others, Reading Attitudes, Reading Improvement, Reading Skills, Spelling, *Vocabulary Development, *Whole Language Approach

Identifiers—Iowa Tests of Basic Skills

A study investigated the effectiveness of a program to improve the reading/vocabulary skills of an ability-grouped fifth grade class of "low achievers" (N=15) through the implementation of a literature-based whole language approach. Students were read aloud to from quality children's literature. From these books, spelling and vocabulary lists were developed and administered 30 minutes a day, 4 days a week during the scheduled classroom reading period. By means of a thematic web, additional skills and subject matter were interwoven so as to provide students with a less fragmented curriculum. The Iowa Tests of Basic Skills were administered in the spring prior to the program and again in the spring of the following year. Results indicated gains of: (1) one year and four months in vocabulary; (2) one year and five months in reading; and (3) seven months in spelling. While the positive statistical findings related to the project were encouraging, the classroom teacher was much more excited by the day-to-day response from the students. For the first time, this group of "low achievers" became aware of the function of print, the nature of written language, and the structure of narrative text. They began to value books, independently selected books appropriate for their reading level, and were eager to share books with each other and the teacher. (Two figures representing literature webs, four tables of data, and one graph are attached.) (RS)

ED 327 841 CS 010 400

Linek, Wayne M. And Others

Urban Second Graders' Attitudes toward Reading.

Pub Date—Nov 90

Note—31p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Correlation, Grade 2, Informal Reading Inventories, Primary Education, *Reading Achievement, *Reading Attitudes, Reading Reading, Recreational Reading, Sex Differences, *Urban Schools, *Urban Youth

A study investigated second-grade urban students' attitudes toward reading and examined whether attitudes toward reading correlate with

reading achievement and reading performance. Subjects, 42 male and 42 female students from 2 ethnically and racially diverse urban public elementary schools, were individually assessed on primer or preprimer passages using an informal reading inventory and were administered a standardized reading test and a reading attitude measure. Results indicated that: (1) the attitudes toward reading were positive but slipping in relation to recreational reading; and (2) there was a nonsignificant low correlation between total reading attitude and reading achievement. Results also showed that reading at the library appeared to be a truly positive experience especially for boys who were the slowest readers. (Six tables of data are included; 41 references are attached.) (RS)

ED 327 842 CS 010 401
Cherney, Elaine E.

The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills.

Pub Date—Nov 90

Note—10p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Guides — Classroom — Teacher (052) — Reports — Descriptive (141)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—Course Descriptions, Critical Reading, Higher Education, *High Risk Students, *Instructional Effectiveness, *Learning Strategies, Remedial Programs, *Study Skills, Thinking Skills, *Transitional Programs

Identifiers—Michigan State University

Thirty-nine at-risk college freshmen participated in an eight week non-credit seminar in the Fall of 1989. At the beginning of the seminar, students indicated that they enjoyed reading, did leisure reading, and felt that lack of vocabulary, slow reading rate, and inability to concentrate were their major reading problems. They also described their primary study strategies as underlining and rereading. The first step in the reading/learning paradigm was to incorporate into the students' thinking about reading and learning the concept of three levels of learning (rote recall; drawing conclusions, evaluating, making judgments; and problem solving). The students were then given a series of exercises intended to help them better understand the significance of the concept. Students in the one section of the seminar where the paradigm was used obtained the highest grade point average of all sections of the seminar. Students learned quickly that learning means more than just memorization. (Appendixes include a list of books read for leisure during the summer, a reading self-assessment, a learning style self-assessment, a general self-assessment, a description of the three levels of learning, and a list of the types of activities in each level of learning.) (RS)

ED 327 843 CS 010 404

Knight, Janie S. Hawes, Kathryn

Student Attitude toward Selected Instructional Strategies.

Pub Date—Nov 90

Note—13p; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990).

Pub Type—Reports — Research (143) — Speeches/Meeting Papers (150)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—*Class Activities, *Educational Strategies, *Elementary School Students, Grade 2, Instructional Design, Primary Education, *Reading Instruction, Reading Research, *Student Attitudes, *Teaching Methods

Student attitudes toward instructional strategies affect their interest in the subject and may raise or lower motivation. A pilot study assessed students' attitudes toward 27 different strategies frequently used for reading instruction. Subjects, 28 second-grade students, completed a Likert-type rating scale with faces instead of numbers to reflect student attitudes about various reading activities. Results suggested that for the class as a whole the preferred activities were: reading a story; practicing reading at the computer; and acting out a story. The lowest ranked activities were: practicing with word cards; meeting in a reading circle; and marking a page in the practice workbook. Such results give the classroom teacher the opportunity to make some instructional adjustments. (The questionnaire is included.) (Author/RS)

ED 327 844 CS 010 406

RIE JUN 1991

Rasinski, Timothy V.

Predicting Reading Rates That Correspond to Independent, Instructional, and Frustration Reading Levels for Third and Fifth Grade Students.

Pub Date—Dec 90

Note—14p; Paper presented at the Annual Meeting of the National Reading Conference (40th, Miami, FL, November 27-December 1, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Research (143)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—Elementary Education, Grade 3, Grade 5, Informal Reading Inventories, Oral Reading, Reading Achievement, Reading Comprehension, *Reading Rate, Reading Research, Word Recognition

Identifiers—*Reading Fluency

A study sought to create and pilot a reasonable method for estimating reading rate by grade level and level of reading proficiency within grade level, and to identify reasonable estimates of reading rate at independent, instructional, and frustration levels of reading. Data were elicited from 66 third grade and 64 fifth grade students attending two different public schools, one inner city and one suburban. Subjects were asked to read orally a passage of approximately 500 words taken from a social studies text one year above their grade placement. Results revealed that the correlation between reading rate and accuracy was positive and moderately high at both grade levels. Readers who had good word recognition tended to read at faster rates. The principal finding was that word recognition accuracy, a key factor in determining independent, instructional, and frustration reading levels, was successfully used in predicting reading rates for grades three and five. Findings suggest that researchers can determine reading rates that correspond to levels of difficulty for all grade levels. (One table of data is included; 18 references are attached.) (KEH)

ED 327 845 CS 010 411

Bravi, Gerald And Others

Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.

Manitoba Univ., Winnipeg. Faculty of Education.

Pub Date—1 Jun 90

Note—126p.

Pub Type—Reports — Research (143) — Tests/Questionnaires (160)

EDRS Price — MF01/PC06 Plus Postage.

Descriptors—*Basic Skills, Early Intervention, Foreign Countries, *Formative Evaluation, Grade 1, *High Risk Students, Primary Education, Program Effectiveness, *Program Evaluation, *Reading Writing Relationship

Identifiers—Manitoba, Teacher Surveys

This report presents the results of a process evaluation conducted after the first year of a 2-year literacy development project designed to assist grade 1 teachers at 4 Manitoba schools in becoming more effective in working with "at-risk" students to meet reading and writing performance expectancies. The report includes results from four resource teacher surveys, two administrator/principal interviews, and two facilitator/university professor interviews investigating project-related concerns (e.g., expectations, usefulness, involvement, support, meetings, materials, goals, training component, and suggestions). The report also includes complete ethnographic field notes (arranged according to beginning, middle and observation stages) as well as questionnaire/interview instruments with complete statistical data. (KEH)

ED 327 846 CS 212 385

Jones, Barbara And Others

Writing: Parents and Children at Work.

Pub Date—May 90

Note—93p; Project supported by an ART Grant from William Paterson College. Some words may not be completely legible because of broken type.

Pub Type—Reports — Research (143) — Tests/Questionnaires (160)

EDRS Price — MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Elementary Education, Grade 2, Grade 4, *Parent Attitudes, Parent Education, *Parent Participation, Parent Student Relationship, Surveys, *Writing Attitudes, *Writing Instruction, *Writing Processes, Writing Research, *Writing Workshops

Identifiers—Childrens Writing, Writing Development

A 7 month study evaluated a parent education program designed to inform parents of second- and fourth-graders about the writing process and the teaching of writing. A secondary goal was to evaluate the effect of teaching writing as a process upon the children's attitudes toward writing. The participants (37 parents, 15 second-graders, and 17 fourth-graders) responded to two attitude instruments (one for parents; one for children) as pre- and post-program measures. Two writing workshops for parents were offered in the evening while the children participated in writing workshops during the school day. Newsletters summarizing the main points of the workshops were sent home to reach those who could not attend. Both parents and children wrote original pieces which were published and shared at a "Celebrate Writing" night. The pre- and post-surveys showed no significant changes in the parents' attitudes; it appeared they were knowledgeable and had positive attitudes toward the process approach from the start. There were changes noted for the children. The second-graders showed a significant gain in their willingness to revise; select their own topics; and write letters, journals, and stories. The fourth-graders reported revising more often and were more interested in writing stories and notes. (Appendixes include the Writing Attitude Scale for Parents, Writing Attitude Scale for Students, Appraisal Survey by Parents, invitations to parents, writing workshop newsletter, and eight tables of data. Nineteen references are attached.) (Author/MG)

ED 327 847 CS 212 602

Croft, Cadric

Spelling in the Context of Current Approaches to Language.

Pub Date—28 Mar 87

Note—10p; Paper presented to the Professional Development Seminar of the Reading and Social Studies Associations (Wanganui, New Zealand, March 28, 1987).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120) — Guides — Non-Classroom (055)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—Elementary Education, Foreign Countries, *Spelling, *Spelling Instruction, Theory Practice Relationship, Word Study Skills, *Writing Skills, *Written Language

Identifiers—New Zealand

How can classroom spelling programs be structured and organized to fit current approaches to language? Ten major considerations can be identified: (1) spelling is a skill of writing; (2) spelling is best learned as a component of writing, and not as a result of studying isolated skills; (3) not all children will pick up spelling as a result of reading and writing—for most children, study of the meanings, uses, and structure of words is an essential part of the classroom language program; (4) words to be incorporated in a word study program must emerge from other aspects of the classroom program, but the essential feature should be their relevance to pupils' writing; (5) there is a relatively small core of high-frequency words that must be used properly and spelled conventionally, if skills of spelling and written language are to progress; (6) beyond this small common core of words, there is a rich and diverse written language, unique to each individual; (7) there is much less uniformity and regularity in the spelling errors made by a class group, than in the words they use; (8) children need to be given a procedure to help them learn to spell specific words; (9) proofreading is another aspect of spelling that is not just picked up—children can learn to detect errors; and (10) as spelling is a skill of writing, its measurement and evaluation must begin with written language and must utilize test-based information as appropriate. (SR)

ED 327 848 CS 212 603

Kissen, Rita M.

My Cousin the Arab.

Pub Date—Nov 90

Note—16p; Paper presented at the Annual Meeting of the National Council of Teachers of English (80th, Atlanta, GA, November 16-21, 1990).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—*Arabs, *Childrens Literature, *Cultural Differences, *Cultural Images, Elementary Secondary Education, *Ethnic Stereotypes, Foreign Countries, Jews, *Novels

Identifiers—Israel, Middle East, Palestine

During the past 40 years, several generations of American children have grown up with the Nation of Israel as a historical reality. Whether Jewish or Gentile, juvenile readers have absorbed a version of the story that recapitulates in modern dress the biblical story of the children of Hagar and Sarah, reinforced by American attitudes toward people of color and non-western cultures. Because children are strongly affected by what they read and hear, an examination of the image of the Arab in American children's fiction may illuminate attitudes which have prevented American Jews and non-Jews from seeing Palestinians as human beings. The image of Arabs as brutal terrorists pervades even those children's books that depict friendships between Arab and Israeli children. In many of these novels, the apparent contradiction between images of Arabs as both potential friends and potential enemies is resolved, or skirted, by means of the distinction made between local villagers who have made peace with Israeli settlers and Arabs from over the border who make trouble. Beneath the often facile pleas for peace are the same assumptions that have blocked Arab-Israeli reconciliation for over 40 years: the assumption that the Israeli enterprise is the only one that matters in the Middle East, and that those Arabs who do not support it wholeheartedly are terrorists, monsters, or worse. (Eighteen references are attached.) (RS)

ED 327 849 CS 212 616
Developing a Language Program. Children and Language Series.

Tasmanian Education Dept., Hobart (Australia).
Report No.—ISBN-7246-0592-4

Pub Date—82
Note—39p.; For other titles in this series, see CS 212 617-620. Photographs may not reproduce clearly.

Available from—The Marketing Officer, Department of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A5.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Child Language, Early Childhood Education, Elementary Education, Foreign Countries, Guidelines, Instructional Design, Instructional Effectiveness, *Language Acquisition, *Language Skills, Metalinguistics, *Theory Practice Relationship
Identifiers—Australia (Tasmania), Language Creation, Language Functions

Intended for teachers in Tasmania, this booklet focuses on guidelines for developing a language program for young children. Chapters are entitled: How Language Competence Grows; Language, Thought and Feelings Are Interdependent; The Child's Language Development Depends on Our Responses; and Growth of Understanding. The philosophy presented in the booklet is based on widely accepted thinking, practice, and research about language over the past 20 years. The booklet stresses the importance of teachers' understanding the theory behind language acquisition, and its relevance to day-to-day practice, so that a consistent approach can be developed. Several black and white photographs illustrate the text. (MG)

ED 327 850 CS 212 617
A School Is a Language Place. Children and Language Series.

Tasmanian Education Dept., Hobart (Australia).
Report No.—ISBN-7246-0640-8

Pub Date—82
Note—32p.; Photographs may not reproduce clearly. For other titles in the series, see CS 212 616-620.

Available from—The Marketing Officer, Department of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A5.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Child Language, *Classroom Environment, Early Childhood Education, Educational Environment, Elementary Education, Foreign Countries, Instructional Design, Instructional Effectiveness, *Language Acquisition, *Language Skills, Metalinguistics, *Theory Practice Relationship
Identifiers—Australia (Tasmania), Language Creation, Language Functions

Intended for teachers in Tasmania, this book focuses on the school setting as a place that supports children as language users. The booklet suggests

that when setting out to develop a language program teachers need a knowledge of the relationship between child development and language acquisition; an understanding of how the organization of the learning environment can promote language development; and a means of evaluating the effectiveness of the language program. The booklet contains three chapters: Children and Language; Organization of the Learning Environment; and Evaluation of the Language Program. Numerous black and white photographs illustrate the text. (MG)

ED 327 851 CS 212 618
Parents, Children and Language. Children and Language Series.

Tasmanian Education Dept., Hobart (Australia).
Report No.—ISBN-7246-0570-3

Pub Date—83
Note—60p.; Photographs may not reproduce clearly. For other titles in the series, see CS 212 618-620.

Available from—The Marketing Officer, Department of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A5.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Child Language, Early Childhood Education, Elementary Education, Foreign Countries, *Language Acquisition, *Language Skills, Metalinguistics, Parent Influence, *Parent Participation, *Parent Role, Parent School Relationship, Theory Practice Relationship
Identifiers—Australia (Tasmania), Language Creation, Language Functions

Intended for teachers in Tasmania, this booklet discusses the role of parents and the home in language development as an integral and important part of a school's language program. The booklet suggests that schools need to determine the best way to communicate to parents: how important parents are to the early development of children's language; how schools attempt to build on children's experiences throughout the different grade levels and in the various curriculum areas; and how parents can complement and continue the work of the school. It explores some of the many aspects of a school's language program and how such aspects originate from, and relate back to, the home. The booklet's four chapters are: Adults as Models; Encouraging Language Development; All Lessons Are Language Lessons; and Communicating with Parents. Numerous black and white photographs illustrate the text. (MG)

ED 327 852 CS 212 619
Children and Books. Children and Language Series.

Tasmanian Education Dept., Hobart (Australia).
Report No.—ISBN-7246-0736-6

Pub Date—83
Note—65p.; Photographs may not reproduce clearly. For other titles in this series, see CS 212 616-620.

Available from—The Marketing Officer, Department of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A5.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Children Literature, Early Childhood Education, Elementary Education, Foreign Countries, *Language Acquisition, *Language Skills, Metalinguistics, Reading Aloud to Others, Reading Instruction, *Reading Interests, Reading Materials, Theory Practice Relationship
Identifiers—Australia (Tasmania), *Emergent Literacy, Language Functions, Literacy Events, Reading Motivation

Intended for teachers in Tasmania, this booklet discusses the importance of providing well chosen books for children at an early age. The booklet suggests that from the earliest years, in home and school, the young child needs a supply of books that are read aloud by adults who encourage the child to talk about the story and the child's experience of the world. The booklet also suggests that during shared investigation of a story the child comes to learn how to handle a book and how books are organized. Chapter titles include: (1) The Imaginative and the Informative in Children's Books; (2) Beyond Initial Reading: Developing the 'Reading' Child; (3) Late Primary Years: The Range Is Immense; and (4) Poetry for Children: The Pleasure of Language. Numerous black and white photographs illustrate the text. (MG)

ED 327 853 CS 212 620
Understanding Reading and Writing. Children and Language Series.

Tasmanian Education Dept., Hobart (Australia).
Report No.—ISBN-7246-0633-5

Pub Date—84
Note—75p.; Photographs may not reproduce clearly; portions printed on colored paper. For other titles in this series, see CS 212 616-619.

Available from—The Marketing Officer, Department of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A5.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Elementary Education, Foreign Countries, Instructional Effectiveness, *Language Acquisition, *Language Skills, Metalinguistics, Reading Diagnosis, Reading Instruction, *Reading Processes, Reading Programs, Writing Instruction, *Writing Processes, Written Language
Identifiers—Australia (Tasmania), Childrens Writing, *Emergent Literacy, Language Functions, Literacy Events, *Writing Development

Intended for teachers in Tasmania, this booklet discusses making sense of language, the nature of written language, language and context, and organizing knowledge of the world. Chapter 1, Understanding Reading, contains a general discussion of the reading process as well as sections on the beginning and continuing reader, planning a reading program, the reader in difficulty, and evaluating progress in reading. Chapter 2, Understanding Writing, explores the writing process, varieties of writing, levels of abstraction in language, starting points for writing, and reviewing the program. The booklet also contains a section of children's writing and a selected reading list. Numerous black and white photographs illustrate the text. (MG)

ED 327 854 CS 212 622
Goodman, Harriet E.
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing.

Pub Date—Dec 90
Note—100p.; M.S. Practicum, Nova University.

Some of the handwritten materials in the appendices may not reproduce clearly.

Pub Type—Dissertations/Theses - Practicum Papers (043) — Reports - Descriptive (141)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Brainstorming, Creative Activities, *Creative Writing, Critical Thinking, Descriptive Writing, Elementary Education, Expository Writing, *Expressive Language, Learning Strategies, *Thinking Skills, Writing Difficulties, *Writing Improvement, *Writing Instruction, Writing Research, Writing Skills, *Writing Strategies
Identifiers—Childrens Writing, Story Maps, *Writing Development

A practicum was conducted to develop critical thinking and improve expression through creative written language utilizing precision teaching as an evaluation of student performance. Six students (grades second through sixth) with low idea generation and few organization skills were trained by three teachers and a teacher advisor using brainstorming techniques, plot diagramming, and story maps. Analysis of the writing samples revealed significant improvements when students were structurally trained. This verified the importance of a step-by-step educational approach for students with writing difficulties. Students learned to think more systematically and planned and organized thoughts as the stories were being written. (Four tables are included. Appendices include: precision teaching semi-logarithm charts; task sheets; creative writing samples; learning methods-keycards, kina-writing, sensing stimulus, vocabulary game; teaching methods-story maps, diagramming, and webbing. Twenty-eight references are attached.) (MG)

ED 327 855 CS 212 623
Bishop, Wendy
Crossing the Lines: On Creative Composition and Composing Creative Writing.

Pub Date—Nov 90
Note—21p.; Paper presented at the Annual Meeting of the South Atlantic Modern Language Association (Tampa, FL, November 15-17, 1990).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—College English, *Creative Writing, *Freshman Composition, Higher Education, Lit-

erary Criticism, Literary Genres, *Student Attitudes, *Teacher Attitudes, *Writing Attitudes, Writing Research, Writing Teachers

Identifiers—Personal Writing, *Writing Contexts
Writing instructors and students alike need to cross the line between composition and creative writing far more often than they do. As students indicate in their essays, composition is often viewed as an unpleasant task, while creative writing is perceived as more enjoyable. Among teachers, creative writing instructors are phobic of critical theory and writing research, while many freshman composition instructors are not comfortable, self-analytic writers. The institution of English studies has always valued the consumption of texts (interpretation and reading) over the production of texts (writing). Creative writing as a composition research area is generally ignored, and educators tend to deny the commonalities of writing a poem and writing an essay. It may be time to take another look at the distinctions between writing genres, as these distinctions may be simplistically exclusionary. Furthermore, questions need to be asked about creative writing instruction. Among these are: why the history of creative writing is the last to be written; why critical theory and writing research are devalued; and why there is a perception that the academy taints the creative writer. (Six endnotes are included; 23 references are attached.) (SG)

ED 327 856 CS 212 625

Smith, Carl B. Reade, Eugene W.
Word History: A Guide to Understanding the English Language.

ERIC Clearinghouse on Reading and Communication Skills, Bloomington, IN.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.
Report No.—ISBN-0-927516-12-8

Pub Date—91

Contract—R18062001

Note—104p.

Available from—ERIC Clearinghouse on Reading and Communication Skills, Indiana University, 2805 E. 10th St., Suite 150, Bloomington, IN 47408-2698 (\$9.95 plus postage and handling).

Pub Type—Guides - Non-Classroom (055) - Historical Materials (060) - Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Diachronic Linguistics, *English, *English Instruction, Secondary Education, Study Guides, Word Study Skills

This book is intended to help teachers in the upper grades lead their students toward an understanding of the history of the English language. It demonstrates the value of studying language history and provides material and suggestions which can be used to complement a language arts program. The book stresses making students aware of the development of the English language and helping them understand more fully the reasons for current conventions of spelling and grammar. It presents a brief survey of the history of English, focusing on outside influences as well as on characteristics of the language and its literature. Following an introduction, the book contains five chapters: (1) The Origin of English; (2) Old English (c. 450-1100); (3) Middle English (c. 1100-1500); (4) Early Modern English (c. 1500-1800); and (5) American English. At the end of each chapter a few exercises are provided which suggest ways in which students may work with the language of that period. A list of 51 references concludes the book. (SR)

ED 327 857 CS 212 626

Celebrating Diversity: A Global Approach to Literature and World Culture. Proceedings of the Conference (Montclair, New Jersey, March 10, 1989).

Montclair State Coll., Upper Montclair, N.J.

Pub Date—89

Note—28p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Cross Cultural Studies, *Cultural Awareness, Cultural Pluralism, Higher Education, Interdisciplinary Approach, Literature, *Multicultural Education, Secondary Education, Student Reaction, *World Literature

Identifiers—Montclair State College NJ
The two-fold purpose of the conference reported in this document was to provide educators with assistance in introducing multicultural literature into their courses and programs, and to provide inspiration for continued efforts to internationalize the curriculum.

The document contains the keynote speeches of David Abalos ("Multicultural Education in the Service of Transformation") and Loren W. Crabtree ("Reshaping the American Worldview: World Studies in the Schools"), which, respectively, suggest models for change that are both idealistic and realistic, and present a philosophical premise for importing a global view of culture. The addresses are followed by brief essay responses from six participants containing a range of perspectives and ideas on arguing the need for students to expand their appreciation of other cultures and to enhance their cultural identities through heightened sensitivity and understanding of the world's peoples. (KEH)

ED 327 858 CS 212 627

Christer, Joan C.
Exploring Mental Illness through a Poetry Writing Assignment.

Pub Date—Aug 90

Note—5p; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150) - Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Content Area Writing, Higher Education, *Mental Disorders, *Poetry, *Psychology, Student Reaction, Writing Across the Curriculum, *Writing Assignments

Identifiers—Writing Contexts

An atypical and challenging writing assignment for courses in general or abnormal psychology is to ask the students to write a poem about the experience of mental illness. The format, length, and topic are left entirely up to the student. While shocked at first, students rose to the challenge after being told they would be judged on content and not on format or poetic language. Most of the resulting poems were creative and interesting. The best poems were posted on a bulletin board in the psychology building. The display proved popular with faculty and students, to the delight of the student authors. (RS)

ED 327 859 CS 212 628

Stover, Lois T.
Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures.

Pub Date—Nov 90

Note—33p.

Pub Type—Opinion Papers (120) - Reference Materials - Bibliographies (131) - Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adolescent Development, *Adolescent Literature, *Cross Cultural Studies, *Cultural Awareness, *Cultural Context, Foreign Countries, Junior High School Students, *Literature Appreciation, Novels, Reading Materials, Secondary Education, Thematic Approach

Identifiers—Commonality, Literature in Translation

Using young adult literature from other countries in the classroom provides a common ground from which to build the tolerance and appreciation of cultural diversity so needed in today's world. By viewing books from other countries as artifacts of culture, it is possible to learn about other lands and their peoples. It is also possible to understand more fully the nature of adolescence and to experience the complexities of that developmental stage, and, at the same time, to meet individuals who are unique but who, nevertheless, have a great deal to say to readers about how to live. Commonalities of adolescent developmental tasks and concerns that arise during the move into adulthood, e.g., concerns about school, career, health, physical development, personal self, and social self, are readily apparent and can be used to cross cultural boundaries. These similarities of concern and experience among young adults from varied backgrounds may help our students, as they read about their peers from other countries, develop a tolerance and appreciation for those whose cultural trappings and day-to-day behaviors set them apart. (An annotated bibliography of 35 applicable books available in translation is attached.) (KEH)

ED 327 860 CS 212 629

Robinson, Sharon E. Hopper, Mark A.
Technical Manual: Handwriting Research Corporation.

Handwriting Research Corp., Phoenix, AZ.

Pub Date—Oct 90

Note—116p; Some of this material was originally

presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Available from—Handwriting Research Corporation, 2821 E. Camelback Rd., Suite 600, Phoenix, AZ 85016 (\$25.00).

Pub Type—Reports - Descriptive (141) - Guides - General (050) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Handwriting, Personality Traits, *Predictive Measurement, Predictive Validity, Program Descriptions, Reliability

Identifiers—Computerized Handwriting Analysis Profiling Sys, *Graphology

This technical manual discusses some of the recent developments in the science of graphology and their implications for the science. The manual contains the following sections: (1) Graphology: An Introduction; (2) "CHAPS": Computerized Handwriting Analysis Profiling Systems; (3) HRC Profiles; (4) Reliability; (5) Validity; (6) Historical Review of Research; and (7) Legal and Ethical Issues. Sixty-seven references, a sample risk assessment instrument, a sample basic screening profile, a sample comprehensive profile, and a glossary of traits are attached. (RS)

ED 327 861 CS 212 630

Fleckenstein, Kristie S.
Assumptions about Literacy Underlying an Employee Newsletter.

Pub Date—15 Sep 90

Note—11p; Paper presented at the Responsibilities for Literacy Conference (Pittsburgh, PA, September 14-15, 1990).

Pub Type—Opinion Papers (120) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Acculturation, *Business Communication, Communication Research, *Critical Reading, Discourse Analysis, Language Role, Literacy, *Newsletters, Socialization

Identifiers—Business Literature, *Corporate Culture, Corporations, Employee Publications

A corporate employee newsletter offers an ideal opportunity to discover how literacy functions as a means of assimilating individuals into a social structure. Underlying the corporate newsletter's assimilative function are the assumptions: (1) that in reading, employees rely on attitudes toward types of texts evolved within society as a whole; and (2) that employees create and enter into roles and relationships cued by the text. The newsletter is designed to resemble an ordinary newspaper, so that readers accept the newsletter as truthful and reliable. Furthermore, stories contained in the publications, such as articles praising heroic acts of particular employees, are intended to define the role of the good corporate employee. Analysis of story selection and revision also reveals that articles seek to humanize the corporation as paternal caregiver, and to portray it as active rather than passive. Because the corporate newsletter is a means of attempting to shape the attitudes and roles of readers, teachers must enable students not only to be literate, but to be critical of the messages they receive because of their literacy. Otherwise, students may be all too easily subjugated by those who would inflict identities and roles upon readers. (SG)

ED 327 862 CS 212 631

Townsend, Patricia
Developing Writing Skills in a Speech Writing Course.

Pub Date—4 Nov 90

Note—9p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Guides - Classroom - Teacher (052) - Reports - Descriptive (141) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Audience Awareness, Higher Education, *Persuasive Discourse, *Public Relations, Public Speaking, Rhetorical Criticism, *Rhetorical Invention, *Writing Skills

Identifiers—Discourse Aims, *Speech Writing

Speech writing can be an excellent vehicle for helping students develop writing skills. The course described in this paper blends rhetorical principles and practices from public speaking, speech composition, persuasion and public relations with "real world applications." Students work on developing purposeful communication, a consistent and appropriate voice, and a workable system of topic analysis.

sia. Writing for clarity is emphasized, through work on grammar and punctuation, logic, organization, and some of the rhetorical devices for promoting clarity and retention. Style is always the most difficult professional canon to teach in performance classes. Emotional impact can be heightened by means of discussion of word choice and by checking for mistakes of commission and omission. The speech writing teacher can promote applied rhetorical criticism by making students editors and critics of each other's work. As effective public discourse is a constant in an inconstant world, the speech writing course can help develop better creators and consumers of public discourse. (Fourteen references are attached.) (SG)

ED 327 863 CS 212 632

Miller, Richard E.
Dangerous Liaisons: When Film and Literature Meet.

Pub Date—14 Sep 90

Note—11p.; Paper presented at the Responsibilities for Literacy Conference (Pittsburgh, PA, September 14-15, 1990).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Class Activities, Classroom Environment, Critical Viewing, *Films, Higher Education, Instructional Materials, *Literature Appreciation, Popular Culture, Teacher Role, Teaching Methods

Identifiers—Aesthetic Reading, *Dangerous Liaisons (Film), Discourse Aims, Film Viewing, University of Pittsburgh PA

Students in a "Literature and Ideas" introductory literature course at the University of Pittsburgh gathered a wide variety of interviews, articles, and other texts that circulated around the film "Dangerous Liaisons" to build a shared text on the popular reception of the film. One student, in particular, made sense of the work done in class by returning, in his final essay, to a class discussion on the various ways the film reviewers had "read" the film to problematize a way of reading described as "giving the author power." This student's essay shows that film can be used to bring to the surface the complex literate acts involved in reading both printed and visual texts. In either medium, there will always be gaps, fissures, blank spaces, things left unsaid-discursive spaces for the students to explore and develop. It is the role of teachers to provide an environment that fosters such self-reflexive exploration. (RS)

ED 327 864 CS 212 633

Cianciolo, Patricia J. Pravat, Richard S.
Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29.

Center for the Learning and Teaching of Elementary Subjects, East Lansing, MI.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Dec 90

Contract—G0098C0226

Note—43p.

Available from—Institute for Research in Teaching, College of Education, Michigan State University, 252 Erickson Hall, East Lansing, MI 48824 (\$4.00).

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Children's Literature, Content Area Reading, Curriculum Design, *Curriculum Development, Educational Objectives, Elementary Education, *Elementary School Curriculum, English Curriculum, Higher Education, Literature Appreciation, Reading Programs, Reading Writing Relationship, Teacher Response

Identifiers—Teacher Surveys

A study examined the views of six experts in the teaching of literature concerning ideal curricula in literature at the elementary school level. Data were developed from a detailed, written document in which the experts (three university professors who had made significant scholarly contributions in children's literature and three elementary school teachers with glowing reputations in the pedagogical area) provided feedback about ideal curricula in general and the literature curriculum in the elementary grades in particular. In terms of commonalities and differences, results revealed that all the experts agreed with the features of ideal curriculum described in the set of framing questions sent to each respondent. They favored a curriculum in literature

that is much more focused and coherent than currently is the norm. Most respondents also viewed literature as an opportunity for fostering important goals—both within language arts and across other subject matter areas. Literature was considered a good tool for teaching writing, for example, or as a vehicle for teaching content in social studies. One respondent thought that good literature led to greater self-understanding. Results also revealed that the concept of literature as an aesthetic object worthy of study in its own right was notably absent in the perspectives represented. (An appendix contains the mission statements and objectives of this curriculum improvement study.) (Author/KEH)

ED 327 865 CS 212 634

Cianciolo, Patricia J. Van Camp, Mary Ellen
The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects.

Center for the Learning and Teaching of Elementary Subjects, East Lansing, MI.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Jan 91

Contract—G0098C0226

Note—109p.

Available from—Institute for Research on Teaching, College of Education, 252 Erickson Hall, East Lansing, MI 48824 (\$10.00).

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Children's Literature, Course Content, Critical Reading, *Curriculum Development, Curriculum Evaluation, Curriculum Research, Elementary Education, *Elementary School Curriculum, English Curriculum, Literary Criticism, *Literature Appreciation, Reading Materials

Identifiers—Aesthetic Reading

This paper reports findings from a detailed critical analysis of commonly used curriculum materials and assessment devices for the study of literature in kindergarten through sixth grade. The paper provides descriptive information and suggestions for improved design and use of curricula available to classroom teachers, especially with respect to the usefulness and appropriateness of those materials for teaching literature for understanding and use of knowledge. Although descriptive information is provided about the teaching and learning of a number of approaches to literature, the focus of the paper is on information pertaining to how the teaching of the critical/aesthetic response to literature was addressed in the curriculum materials that were analyzed. The instrument appended to the paper guided this analysis and was designed to be used across subject areas. The instrument consists of three major categories of questions about the content in the literature curriculum: selection, organization and sequencing, and explication. (Author/KEH)

ED 327 866 CS 212 635

Houston, Linda S.
Collaborative Learning: A No-Lecture Method of Teaching English.

Pub Date—90

Note—12p.

Pub Type—Opinion Papers (120) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Freshman Composition, Higher Education, Learning Activities, Peer Groups, Problem Solving, *Small Group Instruction, Student Participation, Teacher Role, Teaching Methods, Technical Writing, Word Processing, Writing Processes, *Writing Skills

Identifiers—*Collaborative Learning, Collaborative Writing

Collaborative learning in the English classroom actively involves students in learning many useful applications of writing skills for use in future careers. In the work place, for instance, collaboration takes place regularly and group skills are of major importance. Job-related writing involves many forms of collaboration from the start of a project through its completion. In the writing classroom collaboration facilitates students' problem-solving skills, diminishes the fear of participating in discussions, and leads to the written expression of more comprehensive ideas. Activities for collaborative involvement in the writing process include, e.g., word processing skills, group work on problematic structures such as subject-verb agreement, technical definitions activities, and resume writing. No matter

what group activities students become involved with, collaborative learning helps them to write better and enables them to grow socially and academically. (KEH)

ED 327 867 CS 212 636

Boerckel, Denise Young, Art
Looking Left, Then Right: Administering the Wyoming Resolution.

Pub Date—Mar 90

Note—9p.; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Class Size, Faculty Promotion, Higher Education, *Program Administration, *Teacher Administrator Relationship, *Teacher Qualifications, Teacher Salaries, *Teaching Conditions, *Writing Instruction

Identifiers—*Wyoming Resolution

How can a writing program administrator (WPA) implement the "Statement of Principles and Standards for the Postsecondary Teaching of Writing," known as the Wyoming Resolution? Most administrators know that something like the resolution needs to be implemented, but they also know that the Statement lacks the wholehearted support of faculty colleagues and the upper administration. First-year English and advanced writing are commonly taught at the large university by full-time instructors and graduate students. A WPA could use the Statement to address the exploitation of this poorly paid workforce by offering an "incremental reality" plan containing reasonable criteria for promotion. Secondly, the WPA could rely on the "teaching conditions" section of the Statement in calling for smaller writing class sizes. The administrator would deny transfers of academic credits from schools that make a mockery of the teaching conditions guidelines. Cries for the WPA's removal, threats of lawsuits, charges of academic incompetence, and so on, would focus new attention on the unjust conditions that gave rise to the Statement. The call to action that began with the Wyoming Resolution now must go further, to include sanctions for noncompliance. (SG)

ED 327 868 CS 212 637

Gillis, M. K. Olson, Mary W.
Do College Students Who Plan before Writing Score Better on Essay Exams?

Pub Date—Nov 90

Note—9p.; Paper presented at the Annual Meeting of the College Reading Association (34th, Nashville, TN, November 2-4, 1990). Best available copy.

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Analysis of Variance, *College Students, Constructed Response, *Essay Tests, Higher Education, *Planning, *Prewriting, Scores, Test Results, *Test Wiseness, Writing Tests

Identifiers—Writing Contexts

A study examined the differences in the essay exam scores of college students who did no planning, some planning, or extensive planning before writing answers to questions on essay exams. Subjects, 100 undergraduate education students enrolled in reading methods classes and 37 graduate reading students enrolled in a psychology of reading class, took part in regularly scheduled exams. Directions for the essay part suggested that they plan before writing their answers. The exams were graded and the amount of planning each student did was classified. An Analysis of Variance and follow-up Scheffe were conducted to see if there were differences in the scores achieved by students doing no, some, and extensive planning. Results indicated that students who did some planning scored better than students who did no planning, and students who did extensive planning scored better than students who did no or some planning. A follow-up study is being conducted to see if requiring planning on a second test will improve the scores of those who did no planning on the first test. (Two tables of data are included.) (Author/MG)

ED 327 869 CS 212 638

The Newspaper as an Effective Teaching Tool: A Brief Introduction to the Newspaper in Education Concept. Revised.

American Newspaper Publishers Association Found-

dition, Washington, D.C.

Pub Date—Nov 90

Note—30p.

Available from—American Newspaper Publishers Association Foundation, The Newspaper Center, Box 17407, Dulles Airport, Washington, DC 20041 (\$5.00).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Class Activities, Elementary Secondary Education, Freedom of Speech, Instructional Effectiveness, Interdisciplinary Approach, Literacy, *Newsletters, *Reading Instruction, Resource Materials, Social Studies, *Supplementary Reading Materials, Teaching Methods, Writing Skills

Identifiers—*Newsletters in Education

Intended to provide readers with a variety of classroom activities using newspapers, this booklet begins with a brief explanation of the Newspaper in Education program. The following chapter discusses the various uses of the newspaper in the school curriculum, giving special consideration to the number of newspapers needed; the "how" of instructional use; teaching about the newspaper; teaching about the role of the press in a free society; the newspaper in developmental reading, remedial reading, and literature; the newspaper for writing skills and grammatical skills; and the newspaper in the social studies, political science, economics, sociology, and other disciplines. The next chapter offers tips for getting started—contacting the newspaper and determining cost, methods of payment, and services provided. The following chapter discusses how to evaluate the newspaper's effectiveness in education, and the last chapter examines the newspaper as a resource in the classroom. (MG)

ED 327 870 CS 212 639

Zacharias, Martha E.

The Relationship between Journal Writing in Education and Thinking Processes: What Educators Say About It.

Pub Date—Dec 90

Note—31p.

Pub Type—Information Analyses (070)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Cognitive Processes, Elementary Secondary Education, Higher Education, *Journal Writing, Literature Reviews, Student Journals, Teacher Role, *Writing Across the Curriculum Identifiers—*Writing Thinking Relationship

A literature review examined the relationship between journal writing and thinking processes. Little was found in the way of actual research but much was located in the way of authoritative statements from practitioners of journal writing. The literature suggests that journal writing is beneficial in students' personal life, in the educational process as a whole, and, in particular, in the enhancement of thinking processes. There is considerable support for the notion that writing and thinking are interrelated processes. In undertaking journal writing in the classroom, educators suggest that teachers must be prepared to acknowledge and respect the rights of students to express their opinions freely. It appears to be helpful to establish certain guidelines for journal writing in the classroom. To encourage the development of a variety of thinking processes, it appears to be useful to assign specific modes of response such as summarizing, comparing, and interpreting. (Sixty-five references are attached.) (Author/RS)

ED 327 871 CS 212 641

Beaver, John F. Deal, Nancy

Writing across the Entire Curriculum: A Status Report on Faculty Attitudes.

Pub Date—Nov 90

Note—7p.; Paper presented at the Annual Meeting of the Northeastern Educational Research Association (Ellenville, NY, October 31-November 2, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Faculty, Educational Research, Higher Education, School Surveys, *Teacher Attitudes, *Writing Across the Curriculum, Writing Attitudes

Identifiers—Elizabethtown College PA, State University of New York Coll at Fredonia, Teacher Surveys

A study examined faculty attitudes toward writing across the curriculum. In a pilot study, 80

full-time faculty at Elizabethtown College responded to the 35-question survey (for a response rate of 67%). Although Elizabethtown College had recently approved a new core curriculum that called for more writing across the curriculum, the administration and faculty alike were bewildered about implementing such a change. Results indicated that the faculty had a poor perception of student writing, felt a lack of preparation as writing evaluators, but expressed a strong interest in improving their abilities as writing evaluators. The survey was refined and administered to the 230 full-time faculty at State University of New York College at Fredonia, which had a well established writing across the curriculum program. Of the 120 respondents to the survey (representing a response rate of 52%), two-thirds had participated in training workshops conducted by an English department faculty member and had received monetary compensation from the college's administration for their work. Results also indicated that the faculty had an improved perception of the quality of student writing, that they perceived writing across the curriculum as important for all departments, and that most faculty considered the quality of student writing to have improved since the implementation of a writing across the curriculum program. Findings suggest that writing across the curriculum does improve faculty perceptions of student writing. Such improvement, however, takes time to develop, must involve a committed faculty and administration, and must provide follow-up and reinforcement throughout the campus. (RS)

ED 327 872 CS 212 642

Sheridan, Daniel

Writing about Literature: The Paper of Many Parts.

Pub Date—Nov 90

Note—16p.; Paper presented at the Annual Meeting of the National Council of Teachers of English (80th, Atlanta, GA, November 16-21, 1990).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—College Freshmen, Higher Education, Interviews, *Literature Appreciation, Parody, *Poetry, Research Papers (Students), *Writing Assignments, *Writing Exercises Identifiers—Writing about Literature, Writing Development

This paper describes a writing assignment given in an introductory literature class at an open-admissions university. In what can be called "the paper of many parts," students write six short pieces in which they do different things with a poem. The paper begins and ends with response statements: an initial one and one at the end that extends or reflects upon the first response. Sandwiched between these are paraphrase, parody, report, and interview. The assignment gets students to live with a text for a while, reading and re-reading it, then reflecting on the experience. While the parody and the interview often produce good results from students, the report is the least successful part. Students often copy from an encyclopedia, so they must bring their source to class and re-work it. If the purpose of having students write about literature is to help students become better readers, the best writing assignments are those closely connected to the text. Teachers should shift some of their focus from analysis and argument to description. Furthermore, teachers should place less value on organization, which removes the student several steps from the reading experience. The result of the assignment is a set of papers that the instructor can actually enjoy reading. (A sample assignment is attached.) (SG)

ED 327 873 CS 212 643

Noguchi, Rei R.

Grammar and the Teaching of Writing: Limits and Possibilities.

National Council of Teachers of English, Urbana, Ill.

Report No.—ISBN-0-8141-1874-7

Pub Date—91

Note—135p.

Available from—National Council of Teachers of English, 1111 Kenyon Rd., Urbana, IL 61801 (Stock No. 18747-0015; \$6.95 members, \$8.95 nonmembers).

Pub Type—Books (010) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Elementary Secondary Education,

*Grammar, Higher Education, Instructional Effectiveness, Instructional Improvement, *Writing (Composition), *Writing Improvement, *Writing Instruction, Writing Skills, Writing Teachers Identifiers—Childrens Writing, *Writing Development

Intended for practitioners, this study has three principal aims: (1) to reduce the breadth of formal grammar instruction by first locating those areas where grammar and writing overlap and then identifying those kinds of writing problems most amenable to treatment with a grammar-based approach; (2) to decrease the classroom hours spent on formal grammar instruction by showing how to capitalize on the already acquired yet unconscious knowledge that all native writers have of their language; and (3) to make this streamlined "writer's grammar" more productive by showing how to integrate it with style, content, and organization. The book is directed toward teachers of writing who, to varying degrees, struggle with the unwieldy partnership of grammar and writing. Chapters 1 and 2 serve to examine some probable reasons why grammar instruction has failed to improve writing quality, to delimit radically the scope of grammar instruction, and to identify specific areas where a knowledge of a minimal set of grammatical categories might be of help. Chapters 3 and 4 focus on the use of native-speaker abilities in place of formal grammar instruction to treat certain kinds of sentence-level writing problems. Chapter 5 suggests a promising way to integrate the diminished focus on grammar with style, content, and organization. Finally, chapter 6 summarizes several pragmatic paradoxes that currently beset grammar instruction in the schools. (MG)

ED 327 874 CS 212 644

Brooke, Robert E.

Writing and Sense of Self: Identity Negotiation in Writing Workshops.

National Council of Teachers of English, Urbana, Ill.

Report No.—ISBN-0-8141-5869-2

Pub Date—91

Note—174p.

Available from—National Council of Teachers of English, 1111 Kenyon Rd., Urbana, IL 61801 (Stock No. 58692-0015; \$10.95 members, \$14.95 nonmembers).

Pub Type—Books (010) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Higher Education, Student Attitudes, *Teacher Role, Writing (Composition), Writing Assignments, *Writing Attitudes, Writing Improvement, *Writing Instruction, Writing Strategies, Writing Teachers, *Writing Workshops

Identifiers—*Reflective Writing, Voice (Rhetoric)

Drawing on findings from psychology, anthropology, and sociology, this book examines motivation for writing and connects writing with the roles each person plays—in the family, the workplace, and in social and cultural groups including school—and with the lifelong search for potential new roles. As a blueprint for changing the writing of college students, the book offers portraits of four types of writing classes and discusses rationales, teacher roles, assignments, day-to-day classroom practices, student behaviors, and outcomes. The book presents the perceptions, concerns, and thought processes of writing teachers (from a practitioner's point of view) as well as findings from student interviews conducted outside of class. It is the thesis of the book that the new roles for students that emerge from a writer-centered workshop can change the way students learn, from passive absorption toward an ability to use experience to change their own lives and those of their communities. (KEH)

ED 327 875 CS 212 645

Peters, Cheryl

Applause, Applause: Evaluating Creative Responses and Projects.

Pub Date—18 Nov 90

Note—7p.; Paper presented at the Annual Meeting of the National Council of Teachers of English (80th, Atlanta, GA, November 16-21, 1990).

Pub Type—Speeches/Meeting Papers (150) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Audience Response, *Creative Activities, *English Instruction, *Student Evaluation, *Student Projects, Two Year Colleges, *Writing Evaluation

This paper offers some guidelines, to be shared

with students, that can help make the evaluation of creative responses and projects affirmative, honest, and heartfelt. What should teachers look for in a creative project? The project should move the audience in some deeply personal way, contain some element of surprise, and fulfill the spirit-if not the letter-of the assignment. There are many ways whereby a student may conform to requirements for documentation, background reading, research, or a thorough knowledge of the subject, and still produce a major creative effort. However, students should not be encouraged to work on projects that the teacher is not qualified to evaluate. Collaboration with a teacher in another field may widen the scope of possible creative activities. When making any assignment, it is necessary to be very clear about expectations and criteria for assessment, using a written set of guidelines. Alternately, an entirely different set of guidelines may be developed for creative papers. It is crucial to remember that students who choose to write creative papers generally work harder and longer than others because of a commitment of self, the heart's passion or pain, the mind's light or dark humor. If the ability of the paper to move the audience is used as the primary evaluation criterion, then the response is at the appropriate level. If that magic does not happen, it can generally be explained to the student, in ways that will not crush or blight the imagination, where or how the project could be improved. Two creative writing projects that illustrate how to approach such material are described. (SR)

ED 327 876 CS 212 646

Turner, Nigel E. Katz, Albert N.
Context Effects in Comprehending Familiar and Unfamiliar Proverbs.
Pub Date—16 Nov 90
Note—22p.; Paper presented at the Annual Meeting of the Psychometric Society (31st, New Orleans, LA, November 16-18, 1990).
Pub Type—Speeches/Meeting Papers (150) — Reports — Research (143)
EDRS Price — MF01/PC01 Plus Postage.
Descriptors—Communication Research, *Discourse Analysis, *Figurative Language, *Language Processing, *Proverbs
Identifiers—Conventions of Discourse, *Meaning Conditions

Conventionality can be defined as discourse used in its dominant or most familiar sense. In nonliteral language, the intended message is different from the overt message. It has been demonstrated that nonliteral language can be comprehended as rapidly as literal language if both are placed in linguistic context. A study examined whether this held true when unconventional nonliteral language is used. Respondents rated the familiarity of 119 proverbs. Literal and nonliteral contexts were generated for 12 familiar and 12 unfamiliar proverbs. Overall, familiar proverbs were read more quickly than unfamiliar ones. Furthermore, unfamiliar proverbs used in their figurative sense were read more slowly than unfamiliar proverbs used in their literal sense. A follow-up study examined the equivalency in processing of familiar and unfamiliar messages. Students were handed 32 sheets, each bearing a proverb or its paraphrase. The participants were to paraphrase the statements. A familiar proverb, even when placed in its literal context, often generated its figurative meaning, while the reverse was true of unfamiliar proverbs. It appears that some processing differences exist in comprehending literal and figurative language. (Eight figures are attached.) (SG)

ED 327 877 CS 212 647

Dickson, Tom
How Advisers View Changes in the High School Press in the Post-Hazelwood Era.
Spons Agency—Association for Education in Journalism and Mass Communication; Southwest Missouri State Univ., Springfield.
Pub Date—Dec 90
Note—94p.; Paper presented at the Annual Meeting of the Secondary Education Division of the Association for Education in Journalism and Mass Communication (Tampa, FL, December 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports — Research (143) — Tests/Questionnaires (160)

EDRS Price — MF01/PC04 Plus Postage.
Descriptors—*Administrator Role, *Freedom of Speech, *High Schools, *Journalism, Media Research, Public Schools, *School Newspapers, School Surveys, *Student Rights

Identifiers—Advisor Role, *Hazelwood School District v. Kuhlmeier

In Hazelwood v. Kuhlmeier, The United States Supreme Court ruled that school administrators "need not tolerate" student speech deemed inconsistent with a school's educational mission. To study the effects of the ruling, a 36-question survey was mailed to a random sample of just under 1,600 American public high school English/Journalism departments. Questions addressed the following issues: demographic information; each school's newspaper and its purpose and content; school policy about content; changes in content since the Hazelwood decision; the type of prepublication review carried out; censorship; and student-adviser conflict. There was no majority position on the purpose of the newspaper, but nearly two-thirds of respondents identified the paper as an open forum for student speech that was not libelous or obscene or did not advocate violence. Little change in school administrators' treatment of the papers as a result of the Hazelwood decision was reported. Over half of respondents indicated that advisers objected to student stories most often because they were seen as unfair or unbalanced. The findings suggest that the Hazelwood decision was not the disaster many people in journalism education feared, and that student press freedom can co-exist with the Supreme Court ruling. (Fifty tables are included; a sample questionnaire is attached.) (SG)

ED 327 878 CS 212 652

Bloom, Diane S.
Developing Literacy: Grades 4-6 and Beyond.
New Jersey State Dept. of Education, Trenton. Div. of General Academic Education.

Pub Date—Oct 90
Note—103p.

Pub Type—Guides — Classroom — Teacher (052)

EDRS Price — MF01/PC05 Plus Postage.

Descriptors—Educational Strategies, Instructional Improvement, Instructional Materials, Intermediate Grades, Secondary Education, Writing Improvement, *Writing Instruction, *Writing Strategies, *Writing Tests

Identifiers—Benchmark Testing, Children's Writing, New Jersey, *Writing Development

This resource manual was developed for educators responsible for teaching grades 4, 5, 6, and beyond, concentrating on student literacy as it relates to written language. The manual focuses on helping educators apply a specific instructional strategy that is related to student needs identified in the "Writing Skill Arrays" and skills assessed by the writing components, multiple-choice and essay of the High School Proficiency Test (HSPT). The manual is intended to enable educators to identify resources to implement solutions that address student and staff development needs in the areas identified on the HSPT. Topics in Section 1, "Developing Literacy," include: Defining Literacy; Sources of Literacy; Background; Literacy: An Active Process for Instruction; Cognitive Objectives and the Writing Task; Writing as a Higher Order Thinking Skill; Educational Implication of the Relationship; and Three Phases of Language Learning. Topics in section 2, "Instructional Strategies Related to the Skill Array and Multiple-Choice Section of the HSPT," include: General Teaching Guidelines; Cluster I: Sentence Structure/Construction; Cluster II: Organization of Ideas; and Cluster III: Editing. Section 3, "Instructional Strategies Related to the Skill Array and the Essay Section of the HSPT Writing Test," contains sections on: General Teaching Guidelines; Organization/Content; Sentence Structure/Construction; Revising; and Editing. Appendices make up about half the document and include: "Skill Array: Benchmark Skills"; a report on writing skills assessment on the ninth grade HSPT; two papers on Teaching-Learning-Assessing and Dictation: An Instructional Strategy for Editing; some examples of basic text structures; a set of pointers called A Writer's Reflection on the Writing Process and a glossary of terms. (MG)

ED 327 879 CS 212 710

Sorenson, Sharon
Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest.
ERIC Clearinghouse on Reading and Communication Skills, Bloomington, IN.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.
Report No.—EDO-CS-91-05

Pub Date—91
Contract—R188062001

Note—3p.
Available from—ERIC Clearinghouse on Reading and Communication Skills, Indiana University, 2805 E. 10th St., Suite 150, Bloomington, IN 47408-2698.

Pub Type—Information Analyses — ERIC Information Analysis Products (071)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—Higher Education, Interdisciplinary Approach, Secondary Education, Student Reaction, Teacher Role, *Writing Across the Curriculum, *Writing Improvement, Writing Research Identifiers—ERIC Digests, *Writing Development, *Writing to Learn

Proponents of writing across the curriculum are quick to clarify that writing to learn is not the same as learning to write; but as flip sides of a single coin, the two support one another. Across-the-curriculum writing finds its merit in removing students from their passivity. Cross-curricular writing activities fall into two groups—expressive writing and product writing. Proponents of writing-across-the-curriculum agree that when teachers incorporate writing in their content areas, the need for review and the need for reteaching after testing is sufficiently reduced to more than make up for the difference in the amount of instructional time required. While hard statistical evidence that writing-across-the-curriculum improves student performance is scarce, a few studies show positive results. To overcome the problems of implementing a writing-across-the-curriculum program, most school districts have found a year-long plan for inservice education and group dialogue necessary. When content area teachers incorporate writing in all areas of the curriculum, students benefit in three ways: (1) they have a resource for better understanding content; (2) they practice a technique which aids retention; and (3) they begin to write better. (RS)

ED 327 880 CS 506 722

Marra, James L.
Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time.

Pub Date—Aug 89
Note—32p.; Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication (72nd, Washington, DC, August 10-13, 1989). Attached material may not reproduce clearly. For a related document, see ED 283 156.

Pub Type—Speeches/Meeting Papers (150) — Guides — Classroom — Teacher (052)

EDRS Price — MF01/PC02 Plus Postage.

Descriptors—*Advertising, Class Activities, *Creative Development, *Creativity, Higher Education, Teaching Methods

Identifiers—Advertisements, Advertising Effectiveness, *Idea Generation

One of the major problems in advertising courses is that students are expected to generate original, exciting advertising ideas, but often are not taught how to go about the process. Idea generation techniques can help students generate quantities of creative ideas more quickly and fluently. By looking at ads and recreating the workings of the creative minds behind them, ways in which ideas are produced can be highlighted. The beginning of idea generation is a matter of isolating themes as they are derived from features, selling points, and benefits. If a theme is the "matter" of an ad, an idea is the "manner" of the ad. An idea bank, consisting of layout pages where seeds of ideas are sketched and including a grid logging key features, selling points and benefits, is a means of keeping track of one's creative consciousness. Idea generation techniques include: (1) associations (again based on features, selling points, and benefits); (2) opposites, including list opposites, media opposites, expectation opposites, and competition opposites; (3) verbal plays, including onomatopoeia, rhyme, alliteration, and multiple meanings; and (4) clocks and calendars (referring to time, seasons, etc.). (Thirteen photocopies of ads illustrating the techniques discussed are attached.) (SR)

ED 327 881 CS 506 907

Cavanaugh, Dan And Others
Verbal and Nonverbal Communication in the Initiation of Sex.

Pub Date—Nov 89
Note—22p.; Paper presented at the Annual Meeting of the Speech Communication Association (75th, San Francisco, CA, November 18-21, 1989).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Communication Research, Higher Education, *Interpersonal Communication, *Nonverbal Communication, Questionnaires, *Sexuality, *Verbal Communication

Identifiers—Sexual Attitudes, University of Texas

A two-part pilot study investigated and categorized the roles verbal and nonverbal communication play in the initiation of sexual intercourse. The study also explored the manner in which partners accept or reject sexual overtures, the contexts and antecedents of sexual initiation, and the changes in sexual behavior which occur as a consequence of the duration of the relationship. Two subject pools were tapped for the study, the first involving 32 undergraduates in speech classes at the University of Texas, and the second involving 15 student and nonstudent subjects. Results included that: (1) there are four major categories of nonverbal signals couples use to communicate a desire to initiate sex with their partners: touching, hugging, kissing, and looking; (2) the majority of verbal cues are indirect and require the hearer to make significant inferential leaps, as do many of the direct verbal requests for sex, which require either inferential leaps or special knowledge possessed only by the couple; (3) antecedent behaviors surrounding the initiation of sex involve "being playful," and the initiation of sex is most likely to occur in the bedroom and the bathroom; (4) the acceptance and rejection of sexual advances was most commonly signaled by reciprocating a gesture or movement, or not reciprocating, respectively; (5) verbal channels were predominantly used in indicating that only affection was desired; and (6) reported changes in sexual behavior over the course of relationships include more egalitarian initiation of sex, "less talk," and "direct communication" about sex. (Thirty-one references are attached.) (SR)

ED 327 882 CS 507 351

Haynes, W. Lance

The Research Agenda and the Basic Course in Communication.

Pub Date—Nov 90

Note—19p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990). Best available copy. Contains some broken print.

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Communication Research, Faculty Development, Higher Education, Introductory Courses, Metaphors, *Persuasive Discourse, *Public Speaking, *Rhetorical Theory, *Speech Communication, *Speech Instruction, Story Telling

Identifiers—*Rhetorical Strategies, Rhythm, *Speech Communication Education

The college speech communication classroom can serve as a laboratory for rhetorical theory and criticism. Applying the hypothesis of "experimental persuasion" to the study of oral expression, an instructor can promote in his/her students the development of story-telling skills of concrete depiction, dramatic action, the elements of identification, and so on. Using the metaphor of the mind of the speaker as computer, students can learn about the essentials of effective speech communication: (1) subject; (2) audience; (3) style; and (4) persuasive process. A third hypothesis relevant to speech instruction involves rhythm, a neglected concept, especially in its semantic and thematic guises. Through student speeches in class, students and instructors alike can learn lessons about the rhythm of language which would not be detected simply by reading the speeches. The basic communication classroom can contribute enormously to the research programs of its teachers, and such scholarly inquiry makes the class a far more valuable experience for students as well. A shift in society to a greater media orientation may engender greater inquiry and innovation within the basic communication course. (Twenty references are attached.) (SG)

ED 327 883 CS 507 352

Logue, Brenda J.

A Captive Audience: Debating in a Maximum Security Prison.

Pub Date—20 Nov 89

Note—9p; Paper presented at the Annual Meeting of the Speech Communication Association (75th, San Francisco, CA, November 18-21, 1989).

Pub Type—Reports - Research (143) — Speeches/

Meeting Papers (150)**EDRS Price - MF01/PC01 Plus Postage.**

Descriptors—Audience Response, *Correctional Institutions, *Debate, Higher Education, Interviews, *Prisoners, *Public Speaking, *Research Methodology

Identifiers—Debate Tournaments, Maryland State Penitentiary, *Maximum Security Facilities, Towson State University MD

Towson State University (TSU) conducted a public debate series within the Maryland State Penitentiary, that state's maximum security lockup. Following delays due to an escape and subsequent lockdown that preceded the first scheduled debates, the prison program began in 1983 with TSU students debating the right to privacy. The continuing prison debate series was subjected to the interpretive approach of account analysis. Student debaters and inmate observers were asked such questions as why they took part, what benefits they received, whether the program should continue, and how the prison debates compared to other debating experiences. Students mostly felt that the debates occurred simply because TSU was asked to stage them. The consensus of the prisoners was that the debates offered something to do. Debaters found value in being able to enter the prison and view the inmates. The students felt that the program should continue, and many rated the program highly among their forensic experiences. Such an account analysis approach to research into debating programs may help program directors uncover what participants view as the values of audience debate, and enable the directors to confirm or negate what they surmise to be benefits. (SG)

ED 327 884 CS 507 362

Go, Mae Jean

Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings.

Pub Date—Nov 90

Note—14p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Community Colleges, *Continuing Education, *Corporate Education, *Nontraditional Education, *Organizational Communication, *Organizational Development, Postsecondary Education, Reentry Students, School Business Relationship

Identifiers—*Communication Strategies, *Corporate Culture

Upon the breakup of the American Telephone and Telegraph Company in 1984, one of its component parts, Pacific Bell, utilized a number of organizational and communication strategies in responding to the change. The company formed the Telesis Management Institute in 1985 with the mandate to provide educational directions and navigate the changes in corporate culture. One element of the institute, known as Self-Directed Education, has as primary purpose the provision of educational degree and certificate programs on company premises. The effort includes accelerated degree programs and a "gateway" program designed to provide a strong foundation for math and English skills at the pre-college level. Furthermore, Self-Directed Education offers interpersonal educational consulting and performance development discussions between employee and supervisor. There is daily collaboration among the corporation, colleges, and universities. Since the introduction of the program, employee participation has increased sharply, and employees are bringing new skills and knowledge to the corporation. (SG)

ED 327 885 CS 507 363

Siddens, Paul J., III

An Outline of Rehearsal Procedures for Solo Performances in the Beginning Interpretation Classroom.

Pub Date—4 Nov 90

Note—17p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Guides - Classroom - Teacher (052) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Course Content, Higher Education, *Oral Interpretation, *Speech Instruction, Speech Skills

Identifiers—Narrative Text, *Oral Presentations,

***Rehearsal Strategies, Text Factors**

This paper presents an outline of rehearsal procedures designed to provide instructors and students of the beginning interpretation class with a concrete, consistent framework for preparing literature for solo classroom performance. The outline offers a five-step process, and discusses each step in the process. First, the student must select a literary text that is within the range of the student's analytic and performance abilities, which fulfills the requirements of the assignment, and in which the student is willing to make the personal investment that performance requires. Second, the student must achieve an understanding of the literary text, based upon a critical method that is appropriate to the text and the assignment. Third, the student must memorize the literary text. Fourth, the student must select specific performance choices with which to present the literary text, considering psychological, physical, and vocal choices, and beginning rehearsal sessions with physical and vocal warmups. Lastly, the student must "set" the performance choices and polish the performance, rehearsing before others and in the performance space. (SR)

ED 327 886 CS 507 365

A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary.

Tasmanian Education Dept., Hobart (Australia). Pub Date—80

Note—205p.

Available from—The Marketing Officer, Dept. of Education and the Arts, 71 Letitia Street, North Hobart, Tasmania, Australia 7000 (\$A25.00 plus postage).

Pub Type—Guides - Classroom - Teacher (052) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—Class Activities, Curriculum Guides, *Drama, Elementary Secondary Education, Foreign Countries, Learning Activities, Listening Skills, Movement Education, Poetry, *Speech Communication, *Speech Curriculum, *Speech Instruction, Story Telling

Identifiers—Australia, *Drama in Education

This series of five booklets is intended to assist principals and teachers in Tasmania in planning a broad-based continuous program of speech and drama throughout primary and lower secondary classes. The material contained within the booklets has been arranged and presented to emphasize the basic concepts and skills which are inherent in a speech and drama program and which strongly support the development of both a language and an expressive arts program. Throughout the booklets the importance of the individuality of children and the building of relationships between people are major concerns together with the development of ideas, attitudes, and values which influence the quality and competency of communication skills. The five booklets are titled as follows: (1) An Introduction and Overview; (2) Expressive Movement; (3) Talking and Listening, Storybuilding and Telling; (4) Sound, Words, and Poetry; and (5) Drama. Each booklet gives examples of starting points and developments which have been carried out successfully in classroom situations. Each booklet also discusses aspects of planning and organization, and contains a list of suggested resources. (SR)

ED 327 887 CS 507 366

Mason, Gail E.

Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators.

Pub Date—Nov 90

Note—25p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Attitude Measures, Communication Research, Educational Research, Higher Education, Instructor Coordinators, *Internship Programs, Interviews, Professional Education, Questionnaires, Speech Communication, *Student Experience

Identifiers—Supervisor Supervisee Relationship

A study examined interns, communications corporations, and sponsoring universities to see if there was a "win-win-win" relationship occurring among these three partners. The two-part investigation first involved interviewing 37 past interns, on-site supervisors, and campus coordinators, and second, in-

volved sending out a nationwide questionnaire (developed as a result of these interviews) to another group of 110 past interns, 120 on-site supervisors, and 170 campus coordinators. Findings suggest that respondents disagreed on the intern experience as a whole; on-site supervisors and interns indicated both positive and negative experiences. Interns strongly disagreed with the statement suggesting that interns complete their tasks only in fulfillment of a requirement. In general, results indicated substantive agreement between statements made by the initial interviewees and questionnaire respondents. Issues which remained conflicting were pay, credit, and the nature of on-site supervision. (Two tables of data are included.) (MG)

ED 327 888 CS 507 367

Bahn, Ken
Meaning as Language Use: The Case of the "Language-Linked" Value Objection.
Pub Date—Nov 90

Note—21p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Debate, Definitions, Epistemology, Higher Education, *Language Role, *Language Usage, *Persuasive Discourse, *Rhetorical Criticism

Identifiers—Competitive Argument, Debate Strategies, *Debate Theory, Meaning Conditions, *Wittgenstein (Ludwig)

In competitive debate, a view of meaning as something that a team has a right to pre-select is inconsistent with Ludwig Wittgenstein's conception of meaning as use. The "language-linked value objection" rejects conventional value objection of identifying the negative consequences of taking a stance in the hypothetical world of the resolution. Instead, the language-linked approach focuses directly on the opponent's actual language practices. The approach mirrors Wittgenstein's theory of meaning as use. He rejected the notion of meaning as representation in favor of a focus on the function of language. What is most useful to a student of language is what function a word can serve, not a precise description of the word's phonology and grammar. Wittgenstein's perspective challenges the presumed ability to define words in isolation. The use of language is determined by rules and norms established by the overall society of language users. As such, term meaning is not a prerogative to be exercised in debate. Linking value objections to language by considering social use may lead to consideration of ideologies embedded in language forms, the ways in which language structures political thought, the "personas" created by various language styles, the cultural embeddedness of meaning, and other issues. (Twenty-four references are attached.) (SG)

ED 327 889 CS 507 368

Cleveland, Elbin Lawson, Ralph
The South Carolina Framework for Drama/Theater Education.

South Carolina State Dept. of Education, Columbia.
Pub Date—[90]

Note—68p; Project funded in part by the South Carolina Arts Commission which receives support from the National Endowment for the Arts.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Communication Skills, Curriculum Design, *Curriculum Development, Elementary Secondary Education, Objectives, Speech Communication, State Curriculum Guides, *Theater Arts

Identifiers—*Drama in Education, *South Carolina
The framework presented in this manual is designed to provide school district personnel with guidelines for developing curricular programs for theater arts based upon the needs of students in their individual school districts. The manual furnishes goals and objectives upon which to build a series of sequential learning experiences for use in the theater classroom, during play rehearsal/performance, and in classrooms where theater is being used as a teaching tool when a trained practitioner is available as a resource person. The manual is organized in graphic form in the following sequence: (1) statement of the component and goal with appropriate skills, attitudes, and understandings; (2) general objectives for all skills, attitudes, and understandings for the goal according to level; (3) objectives for each of the skills, attitudes, and understandings ac-

cording to level; and (4) repetition of the same procedure for each of the succeeding goals. (KEH)

ED 327 890 CS 507 369

Robinson, Chris Poole, Gary
Producing Musical Theater for High School.
Pub Date—90

Note—90p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Foreign Countries, *High Schools, High School Students, Music Activities, Music Teachers, *Production Techniques, *Theater Arts Identifiers—British Columbia, *Drama in Education, *Musicals

This paper focuses on musical theater in the high school in British Columbia. It gives a rationale for incorporating musical theater in secondary schools, exploring the impact that a theater program may have on the music program, teachers, students, and community. Further, the paper presents a detailed guide to the process of producing a musical. Following the results of a survey of high school teachers in Vancouver, British Columbia, that elicited their views on producing musicals in school and their motivation for becoming involved, the paper concludes that the benefits to the secondary school and students are many, and that musical theater should be part of a well-rounded program. The paper is in 11 sections: (1) Introduction; (2) Musical Theater—Choosing to Get Involved; (3) Choosing the Musical; (4) Scheduling the Musical; (5) Organizing a Production Team; (6) Budgeting the Production; (7) Auditions and Casting; (8) Rehearsal Schedules; (9) The Rehearsal Process; (10) Sound Reinforcement; and (11) The Performances. A summary concludes the paper. Thirteen references are attached. Appendices contain a sample questionnaire, recommendations for high school musical productions, an audition form, and a parent acknowledgement form. (SR)

ED 327 891 CS 507 370

Underwood, Willard A.
Utilizing Germanian-Franstian as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course.

Pub Date—Nov 90

Note—11p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990). Best available copy.

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Conflict Resolution, *Decision Making, Higher Education, Introductory Courses, Persuasive Discourse, *Problem Solving, *Simulation, *Speech Communication, *Speech Curriculum, Treaties

Identifiers—*Negotiation Processes, Negotiators

The introductory speech communication course can benefit from the use of simulation exercises. In one exercise, students negotiate on behalf of the imaginary governments of Franstian and Germanian. Participants are furnished with statistical data and informed that the two countries are mutually dependent, that they share a border, and that the city of Midly straddles the border. The problem to be negotiated is that only the Germanian side of the city has hospitals, so Franstian mothers must obtain Germanian passports to bear children there. The newborn children are treated as Germanian citizens, and must obtain Germanian passports to return home. Franstian objects to this practice, while Germanian claims that the fees generated help support the Germanian welfare system. Members of the class are divided between the two groups and are provided with lists of characteristics of both countries' citizens. The goal is to solve the conflict by arriving at a written treaty through negotiation. Often, the exercise produces a weak treaty, but other solutions may arise. Through the exercise, students typically gain an increased understanding of decision-making, problem-solving, and conflict resolution. And they usually enjoy the exercise. (SG)

ED 327 892 CS 507 371

Nevins, Randi J. Book, Cassandra L.
The Gift of Oration for the Gifted and Talented—Teaching Oral Communication to High School Students.

Pub Date—4 Nov 90

Note—6p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academically Gifted, College School Cooperation, Course Content, *Course Organization, Higher Education, High Schools, High School Students, Honors Curriculum, *Persuasive Discourse, *Public Speaking, Student Evaluation

Identifiers—Michigan State University, Orators, Oratory

An oral communication course, offered at Michigan State University during the 5-week summer session, was conducted for academically talented high school students. Students learned about the responsibility of creating and delivering ethical, informed, and rhetorically sensitive messages. Each student researched one socially significant issue, and delivered three different speeches (one informative and two persuasive) based on this single issue. Feedback and critique of famous and peer speeches were also integral parts of the course. Review of student presentations included: (1) immediate oral critique by peers, led by the speaker; (2) peer and faculty written critiques; and (3) critiques following video playback. Students were also required to play back their video at home. Throughout the 5-week summer session, instruction emphasized personal and social responsibility. Students were responsible for several roles—researcher, contributor, supporter, critic, and orator. The students learned to value their own voices and the voices of others. (KEH)

ED 327 893 CS 507 372

Weiss, Robert O.
The Faculty Development Component of Speaking across the Curriculum.

Pub Date—3 Nov 90

Note—17p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Opinion Papers (120) — Guides - Non-Classroom (055) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Curriculum Development, *Faculty Development, Higher Education, Instructional Improvement, *Speech Communication, *Speech Curriculum, Student Evaluation, *Teacher Improvement, *Teacher Student Relationship, Workshops

Identifiers—*Speaking across the Curriculum

Speaking across the curriculum (SAC) programs let students in on the educational act and thus require faculty members to attend to their own development as participants in communication interactions. When faculty development efforts are directed toward improved classroom teaching, they become important for SAC. As SAC programs have developed at various institutions, the faculty development component is almost always instituted, and participants welcome it as necessary and useful preparation. The workshop is an instrumentality of faculty development that almost universally accompanies SAC programs. Workshops address such topics as assignment options, student reports, assessment, and listening. Later, periodic follow-up meetings may be held, at which teachers may share new discoveries and approaches to instruction. Both the workshops and the meetings tend to promote collegiality within the faculty, and to give rise to interdisciplinary possibilities. Because of the speech communication faculty's knowledge of assignment options, communication behaviors, and the like, its members are especially qualified to work with colleagues on these topics. Furthermore, the speech faculty can help move the vision of classroom performance beyond presentational skills to the heart of the speech teacher's expertise, namely, communication interaction; they can also serve as resource persons for both teachers and students. (SG)

ED 327 894 CS 507 373

Smith, Ralph R. Moore, Dale
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart."

Pub Date—Nov 90

Note—21p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Opinion Papers (120) — Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Freedom, Acquired Immune Deficiency Syndrome, *Censorship, Discourse Analysis, *Freedom of Speech, Higher

Education, *Homosexuality, Public Colleges, *School Community Relationship, *Theater Arts Identifiers—First Amendment, *Normal Heart (Kramer), Rhetorical Strategies, *Southwest Missouri State University

In 1989, some Springfield, Missouri residents demanded cancellation of the Southwest Missouri State University (SMSU) theater department's production of Larry Kramer's play, "The Normal Heart," which they alleged to be obscene. Opponents purchased newspaper advertisements which charged that the publicly funded production promoted a "homosexual, anti-family lifestyle." They held a rally, which attracted approximately 1,200 demonstrators. SMSU's attorney argued that the First Amendment barred cancellation absent substantial government interest, and asserted that the play was not obscene. Play opponents did not raise constitutional arguments, but suggested that freedom without commitment to moral order amounted to a "free-for-all." Some proponents of the production used the occasion to further AIDS education, while others labelled the play's critics as bigots. An arson incident brought national attention to the controversy and accusations from both sides in the dispute. The university formed a committee to oversee security for the play's performances. Rhetorical strategies used by SMSU managed to divert attention away from the idea of public funding for allegedly immoral activities and toward the idea of free expression, while assuring the play's presentation. While AIDS awareness may have been heightened, gay rights issues were overshadowed by the controversy. (Forty endnotes are included.) (SG)

ED 327 895 CS 507 374

Estrin, Elise Trumbull And Others
Logicity and Emotionality in Argumentation.
 Pub Date—Aug 90

Note—15p; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Analysis of Variance, *Attitude Change, Communication Research, *Emotional Response, Higher Education, *Logic, Logical Thinking, *Persuasive Discourse, Rhetorical Theory, Speech Communication

The contention of this paper is that logicity and emotionality are not two poles of a continuum but orthogonal dimensions which may exist to varying degrees in an argument. It was hypothesized that: (1) logicity and emotionality would be perceived as independent components by subject; and (2) messages high in logic would have more influence on attitudes than messages low in logic. In a series of eight experiments, the two dimensions were objectively manipulated within written essays in a 2x2 ANOVA design. Subjects (an average of 67 per experiment) were undergraduates at a small midwestern college. Subjects' ratings confirmed the subjective independence of the dimensions. Attitude change as a function of high/low logicity and/or emotionality was also examined. While emotionality had no effect, there was a weak but consistent effect for logicity; but even the reading of illogical essays resulted in attitudes significantly different from those of a control group. One figure and one table of data are included. Twenty-four references are attached. (Author/SR)

ED 327 896 CS 507 375

Cronin, Michael W.
Communication Techniques for Individual and Organizational Coping with Job Burnout.

Pub Date—Nov 90

Note—36p; An earlier version of this paper was presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Burnout, Communication Research, *Communication Skills, Emotional Response, Employer Employee Relationship, *Interpersonal Communication, Job Satisfaction, Listening, Negative Attitudes, *Organizational Climate, Speech Communication, Stress Variables, Training Methods, Work Environment

Identifiers—*Communication Strategies

This paper reviews the literature on the causes of job burnout, a condition which has been linked with high personnel turnover, friction with co-workers

and supervisors, increased dissatisfaction with both the job and the organization, job withdrawal, decreased productivity and absenteeism. The paper discusses the communication skills necessary to prevent or reduce burnout from individual and organizational perspectives. The paper places primary emphasis on coping techniques in the following areas: developing interpersonal communication skills, realigning perceptions, empathic listening, distinguishing fact from inference, confronting burnout openly, developing appropriate training programs, and increasing constructive feedback. Attached are 42 references. (Author/KEH)

ED 327 897 CS 507 376

Cronin, Michael W.
The Nature and Treatment of Speech Fright.
 Pub Date—Oct 86

Note—40p; Paper presented at the International Professional Communication Conference (Charlotte, NC, October 1986).

Pub Type—Speeches/Meeting Papers (150) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Audience Awareness, *Communication Apprehension, Communication Problems, *Communication Skills, Organizational Communication, *Public Speaking, Shyness, Stress Management

Identifiers—Communication Behavior, *Communication Strategies

This paper reviews the literature on speech fright in the workplace and examines its symptoms, effects, and causes. The paper also identifies various methods of treatment that have proven effective when adapted to individual and situational factors responsible for anxiety. The paper lists seven specific treatments directed toward improving public speaking skills: (1) utilize effective physical action while speaking; (2) be more audience-centered and less self-centered; (3) prepare thoroughly for public speeches; (4) seek constructive speaking opportunities; (5) choose a good topic; (6) understand the principles of public speaking; and (7) avoid going over a speech immediately before speaking. The paper also enumerates the following strategies to reduce anxiety unrelated to skills deficiencies: realize that some speech fright is normal; seek "friendly faces" in the audience; do not expect perfection in speaking; use objectification to reduce speech fright; understand that speech fright is more evident to the speaker than it is to the audience; employ cognitive modification; and employ systematic desensitization. Attached are 20 references as well as an appendix that rates books and "cures" devoted specifically to speech fright. (KEH)

ED 327 898 CS 507 377

Arkin, Elaine Bratic
Making Health Communication Programs Work. A Planner's Guide.

National Cancer Inst. (NIH), Bethesda, Md.

Report No.—NIH-89-1493

Pub Date—Apr 89

Note—120p.

Available from—Rose Mary Romano, Office of Cancer Communications, National Cancer Institute, Building 31, Room 4B43, Bethesda, MD 20892.

Pub Type—Books (010)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Cancer, *Health Education, *Health Programs, Health Promotion, Health Services, Instructional Materials, Professional Services, Program Design, *Program Development, Resource Materials, Speech Communication

Identifiers—*Health Communication, National Cancer Institute

This manual, designed to assist professionals in health and health-related agencies, offers guidance for planning a health communication program about cancer based on social marketing and other principles as well as the experiences of National Cancer Institute staff and other practitioners. The six chapters are arranged by sequentially ordered stages of program development: (1) Planning and Strategy Selection; (2) Selecting Channels and Materials; (3) Developing Materials and Pretesting; (4) Implementing Your Program; (5) Assessing Effectiveness; and (6) Feedback to Refine Program. Each chapter contains selected readings for more complete information about specific subjects as well as materials (checklists and planning questions) for duplication and use. The appendixes include a glossary and other sources of planning and health-related information including sample forms and questionnaires.

(KEH)

ED 327 899 CS 507 378

Beard, John Yaprak, Atilla
Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution.

Pub Date—Apr 89

Note—19p; Paper presented at the International Conference on Language Communication for World Business and the Professions (8th, Ann Arbor, MI, April 1989).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Advertising, Communication Research, Comparative Analysis, Content Analysis, Global Approach, *International Trade, *Marketing, *Models, Research Methodology, Technological Advancement, *Technology

Identifiers—*Advertisements, Message Design, Message Perception, *Message Transmission

A content analysis model for assessing advertising themes and messages generated primarily for United States markets to overcome barriers in the cultural environment of international markets was developed and tested. The model is based on three primary categories for generating, evaluating, and executing advertisements: rational, emotional, and moral. Focusing on computer advertising as an example, it is argued that technology shapes language and culture. An exploratory study hypothesized that in lesser developed countries there is more use of rational advertising appeals than of emotional advertising appeals. In contrast, for countries with more advanced technologies the emphasis will be on greater visual orientation. These concepts are illustrated through a comparative study, after which models for content analysis are presented as a proposed empirical study. It is hoped that the new model will benefit instructors who teach students to appreciate differences in language and culture and who also teach appreciation of the general economy. (Three exhibits are included and 21 references are attached.) (Author/MG)

ED 327 900 CS 507 379

Hawken, Leila And Others
The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College.

Pub Date—Nov 90

Note—28p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Persistence, *College Environment, College Freshmen, Communication Research, Communication Skills, Educational Research, Higher Education, *Interpersonal Communication, Interpersonal Competence, *Loneliness, Speech Communication

Identifiers—Communication Context, *Compatibility (Social), *Roommates

A study investigated the influence of interpersonal variables, such as communicative competence, loneliness, and roommate rapport, upon persistence in college. The study includes self-reports as well as reports of roommates' behaviors. Subjects were 200 freshman students (out of a total of 350) who participated in several sections of a freshman-level orientation seminar at a small, private university in the Northeast. Results indicated significant multiple relationships between roommate rapport and self-reports, and reports of roommates' communicative competence. Significant multiple correlations were also found between loneliness and self-reports and reports of roommates' communicative competence. Significant relationships were observed for loneliness and roommate rapport and university satisfaction. Those students who persisted as opposed to those who left the institution differed on levels of social confirmation and loneliness. (Author/MG)

ED 327 901 CS 507 380

Carter, Richard F.
Mass Communication Effects: A Weakness Theorem.

Pub Date—Aug 90

Note—18p; Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication (73rd, Minneapolis, MN, August 1-4, 1990).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—*Behavior Patterns, *Communication Skills, Higher Education, *Mass Media Effects, Media Research, *Models

Identifiers—*Communication Patterns, *Message Distortion

What mass communication effects are possible that have not yet occurred because no effort has been made to achieve them? Why has there been only limited success in mass communication efforts attempted already? For people to be communicatively affected, they have to be behaviorally affected. People are generally weak behaviorally, especially in the observing sector. Because communicating is an extension of observing, people are generally too weak to communicate effectively in producing and/or making use of messages. Comprehension of weaknesses in communication permits better understanding of the limited effects so far achieved, provides better preparation for improving effectiveness, and makes more effects available for observation. Taking the "step" as the basic behavioral unit, the process can be viewed as a relationship between observing, the observed, and moving. Communicating is not well understood, and there is a lack of development in the observing capability. Quite a few observing capabilities other than the orientational and constructive modes can be useful in promoting communication: making comparisons; maximizing the utility of values; observing outcomes; etc. Occasionally a teacher can see where he/she has been effective in conveying this or that idea for students. Communicating is an effective extension of observing only when supported by adequate observing capability. To improve communicating, it is necessary to understand how observing must work if successful communicative "steps" are to be taken. (Twenty-two notes are attached.) (SG)

ED 327 902

CS 507 382

Kiser, Stephen D.

Student Leadership in Forensic Programs.

Pub Date—Nov 90

Note—27p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150) —

Guides—Non-Classroom (055)

EDRS Price — MF01/PC02 Plus Postage.

Descriptors—*Debate, *Group Dynamics, Higher Education, *Leadership, *Problem Solving, *Public Speaking, *Student Role, Undergraduate Students

Identifiers—Collegial Teams, *Student Led Activities

Competitive forensic teams should turn to their students for leadership. Such an approach gives students valuable experience in handling responsibility, while relieving school administrators of some of the tasks involved in debate competition. Since forensic students are intelligent and highly ambitious, they should be leaders of debate programs, not just competitors. The appropriate leadership paradigm is a situational one. A leader must understand the situation he or she is in, recognize the personalities involved, and adapt his or her leadership style accordingly. In addition, a leader must view a situation through the eyes of a follower, and understand what motivates a follower to perform. Communication between leaders and followers is essential. In the debate setting, the leader must recognize the goal of participation in speech competitions. More specific team goals must be prioritized. The leader must be able to act as manager, rationally assessing situations and allocating resources to achieve goals. Even as a follower, the future leader can learn group personalities and can learn about problem-solving. Good communication promotes clarity of policy and action, and improves preparation. The forensic program is an outstanding opportunity to develop leadership skills that can someday make students great. (SG)

ED 327 903

CS 507 383

Ansell, Dorothy I. Griffin, William V.

Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.

Eastern Kentucky Univ., Richmond.

Spons Agency—Kentucky State Dept. for Human Resources, Frankfort. Dept. for Social Services. Pub Date—[88]

Note—128p; For a companion participant's guide, see CS 507 384.

Pub Type—Guides—Classroom—Teacher (052) EDRS Price — MF01/PC06 Plus Postage.

Descriptors—*Communication Skills, Curriculum Guides, *Daily Living Skills, *Independent Living, Instructional Materials, Interpersonal Competence, Secondary Education, Teaching Guides, Young Adults

Identifiers—*Communication Strategies, Kentucky

Intended to help young people acquire independent daily living skills, this book is the group leader's guide to an advanced youth training curriculum for developing appropriate communication competence. The guide's first session introduces the basics of communication, while subsequent sessions focus on communication in all aspects of life: on the job, with family, in the community, during leisure time activities, with friends, in the marketplace, and at home. Intended for use in a group setting and by youths who have already completed a more basic curriculum on independent living, the guide provides many opportunities for youth to practice communication skills such as getting along with a roommate, approaching a landlord with a problem, dealing with criticism on the job, and negotiating with a car dealer. The group leader's guide organizes activities by one-hour sessions, with specific objectives identified at the beginning of each one, activities described in detail, and instructions and handouts. A 22-item list of resources on program development, youth training materials, and supplemental materials concludes the guide. (SR)

ED 327 904

CS 507 384

Ansell, Dorothy I. Griffin, William V.

Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide. Eastern Kentucky Univ., Richmond.

Spons Agency—Kentucky State Dept. for Human Resources, Frankfort. Dept. for Social Services. Pub Date—[88]

Note—48p; For a companion group leader's guide, see CS 507 383.

Pub Type—Guides—Classroom—Learner (051) EDRS Price — MF01/PC02 Plus Postage.

Descriptors—*Communication Skills, Curriculum Guides, *Daily Living Skills, *Independent Living, Instructional Materials, Interpersonal Competence, Secondary Education, Teaching Guides, Young Adults

Identifiers—*Communication Strategies, Kentucky

Intended to help young people acquire independent daily living skills, this book is the participant's guide to an advanced youth training curriculum for developing communication skills. The guide's first session introduces the basics of communication, while the subsequent seven sessions (each intended to take approximately one hour) focus on communication in all aspects of life: on the job, with family, in the community, during leisure time activities, with friends, in the marketplace, and at home. Intended for use in a group setting and by youths who have already completed a more basic curriculum on independent living, the guide contains many activities which provide opportunities for youth to practice communication skills such as getting along with a roommate, approaching a landlord with a problem, dealing with criticism on the job, and negotiating with a car dealer. (SR)

ED 327 905

CS 507 385

Hugenberg, Lawrence W., Ed.

Basic Course Communication Annual. Volume 1.

Pub Date—Nov 89

Note—212p; Published by Academic Press, Boston, MA.

Pub Type—Guides—Classroom—Teacher (052) — Books (010) — Collected Works—General (020)

EDRS Price — MF01/PC09 Plus Postage.

Descriptors—Cognitive Style, Communication Skills, Ethics, Higher Education, *Introductory Courses, *Speech Communication, Teacher Student Relationship, Teaching Assistants, Teaching Methods, Undergraduate Students, Units of Study

Identifiers—*Speech Communication Education

This annual collection contains essays relating to the history of basic communication courses, offers insights into basic course pedagogy, and discusses the administration of multisectioned basic communication courses. Papers in the collection include: "The Basic Course in Speech Communication: An Historical Perspective" (Pamela L. Gray); "What We Know about the Basic Course: What Has the Research Told Us?" (William J. Seiler and Drew McGugin); "A Comparison between PSI-Based and Self-Contained Formats of Instruction in the Intro-

ductory Speech Communication Course" (Pamela L. Gray and others); "Using Plays and Novels as Case Studies in the Basic Course" (Roger D. Smitter); "A Unit on Relationship Termination in the Basic Course" (Lynn A. Phelps); "Teaching Ethics in the Basic Survey Speech Communication Course" (William A. Haskins); "The Necessity of Separating Idealized Accountability from Realized Accountability: A Case Study" (Karen J. Greenberg); "Implications of Student and Instructor Involvement in the Basic Course" (Sam Wallace and Don B. Morlan); "The Interaction of Teacher and Student Social Styles and Learning Styles on Learning Outcomes of the Basic Communication Course" (Michael Smilowitz and Lynn A. Phelps); "Training or Teaching: A Professional Development Program for Graduate Teaching Assistants" (Douglas M. Trank); and "Teaching Basic Courses: Problems and Solutions" (Richard L. Weaver II and Howard W. Cotrell). (RS)

ED 327 906

CS 507 386

Hugenberg, Lawrence W., Ed.

Basic Communication Course Annual. Volume 2.

Report No.—ISBN-0-89641-203-2

Pub Date—Nov 90

Note—283p; Published by Academic Press, Boston, MA.

Pub Type—Guides—Classroom—Teacher (052) — Books (010) — Collected Works—General (020)

EDRS Price — MF01/PC12 Plus Postage.

Descriptors—Asian Americans, Cognitive Style, Communication Apprehension, Grading, Higher Education, Interpersonal Communication, *Introductory Courses, Models, *Speech Communication, Student Placement, Teaching Methods, Undergraduate Students

Identifiers—*Speech Communication Education

This annual collection contains essays relating to instruction in the basic communication course, grading in the basic communication course, evaluating the basic communication course, and the "state" of the basic communication course. Papers in the collection include: "The Future of the Basic Course" (Judy C. Pearson and Paul Nelson); "Communication Apprehension in the Basic Course: Learning Styles and Preferred Instructional Strategies of High and Low Apprehensive Students" (John Bourhis and Charlene Berquist); "An Investigation into the Communication Needs and Concerns of Asian Students in Speech Communication Performance Courses" (Ester Yook and Bill Seiler); "The Required Course and the Advanced Student: A Placement Perspective" (Michael R. Schliessmann and Laurie B. Haleta); "Beyond Writing: The Case for a Speech-Based Basic Course in a Vid-Oral World" (W. Lance Haynes); "A Communication-Based Model of Friendship for the Interpersonal Communication Course" (Rod Troester); "Some Student Perceptions of Grades Received on Speeches" (Ted J. Foster and others); "A Program of Rater Training for Evaluating Public Speeches Combining Accuracy and Error Approaches" (Nancy Rost Goulden); "Evaluating the Basic Course: Using Research To Meet the Communication Needs of the Students" (Lyn B. Bendtschneider and Douglas M. Trank); "The Basic Course: What Do We Know? What Do We Need To Know? Where Do We Go from Here?" (Nancy L. Buerkel-Rothfuss and David L. Kosloski); and "The Basic Speech Course at United States Colleges and Universities: V" (James W. Gibson and others). (RS)

ED 327 907

CS 507 387

Chen, Guo-Ming

Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.

Pub Date—Nov 90

Note—25p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports—Research (143)

EDRS Price — MF01/PC01 Plus Postage.

Descriptors—*College Students, Communication Research, *Communication Skills, *Cross Cultural Studies, *Cultural Differences, *Foreign Students, Higher Education, Interpersonal Relationship, Questionnaires

Identifiers—*Communicative Adaptability

A study of 142 foreign college students staying in the United States examined the effects of communication adaptability and interaction involvement on cross-cultural adjustment. Further testing was con-

ducted to investigate which of the components of communication adaptability and interaction involvement best predicted the dimensions of cross-cultural adjustment. It was hypothesized that significant and positive relationships existed among communication adaptability, interaction involvement, and cross-cultural adjustment. E. W. Wheeler and R. L. Duran's 20-item Communicative Adaptability Scale was administered to the students, as were D. J. Cegala's 18-item Interaction Involvement Scale and A. Furnham and S. Bochner's 26-item Social Situations Questionnaire. The results supported the hypothesis. Differences among the subjects from diverse countries were reported. (Two tables are included; 50 references are attached.) (Author/SG)

ED 327 908 CS 507 388

Sanander, Kristin L. Kantor, Jane M.
An Evaluation of the Effects of Parental Divorce on College Students.
Pub Date—Nov 90
Note—17p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990).
Pub Type—Reports—Research (143)—Speeches/Meeting Papers (150)—Tests/Questionnaires (160)
EDRS Price—MF01/PC01 Plus Postage.
Descriptors—*College Students, Communication Research, *Divorce, Higher Education, *Interpersonal Relationship, *Social Development, *Student Attitudes
Identifiers—Student Surveys

A study examined the effects of parental divorce on college students, comparing college students in five areas of social development according to parental marital status: evaluation of parent/child relationships; relationship commitment and satisfaction; dating frequency and satisfaction; attitudes toward marriage; and sexual activity and satisfaction. Subjects, 191 students at a small, private liberal arts university, completed a three-page questionnaire. Results indicated three differences between students from intact and divorced families: students from divorced families had a less favorable perception of their relationship with their father, were more cautious about frequent dating, and rated premarital cohabitation as more acceptable. (Twenty references and the survey questionnaire are attached.) (SR)

ED 327 909 CS 507 389

Haun, Martha Womack
Communication Competency through Faculty Development.
Pub Date—Nov 90
Note—11p; Paper presented at the Annual Meeting of the Speech Communication Association (76th, Chicago, IL, November 1-4, 1990). Table 1 may not reproduce legibly.
Pub Type—Speeches/Meeting Papers (150)—Guides—Non-Classroom (055)
EDRS Price—MF01/PC01 Plus Postage.
Descriptors—*Classroom Communication, *Communication Skills, Elementary Secondary Education, *Faculty Development, Higher Education, Interpersonal Competence, Questioning Techniques, *Teacher Behavior, Teacher Improvement, Teaching Styles

Research on the communicative competency of faculty indicates that students can be motivated to learn by competent communicators. In general, communication experts have better competency skills, (i.e., they use more effective verbal and non-verbal immediacy behaviors) than do faculty as a whole. An area much in need of development for most faculty members is skill in asking questions. Teachers skilled in questioning techniques can move students back and forth through Bloom's Taxonomy of Cognitive Objectives. Too many faculty read from their notes, heads down, eyes focused on papers, with general disregard for the audience. Communication and power are integrally related and directly affect the classroom climate and subsequently the cognitive learning experience. (A table representing a taxonomy of behavior alteration techniques and behavior alteration messages is included.) (RS)

ED 327 910 CS 507 391

Aiken, Joan E. Neer, Michael R.
Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum.
Pub Date—8 Mar 91

Note—45p.

Pub Type—Reports—Descriptive (141)—Guides—Non-Classroom (055)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*Competency Based Education, Core Curriculum, Critical Thinking, Curriculum Design, *Curriculum Development, Educational Assessment, Evaluation Criteria, Higher Education, *Mass Media, Program Evaluation, *Speech Communication, Undergraduate Study

Identifiers—*Communication Competencies, Media Courses, Speech Communication Education, University of Missouri Kansas City

This paper describes a detailed design for installing a program of assessment for a program of communication studies at a midwestern university. The paper outlines the specific goal-setting procedures as well as the collaborative efforts by faculty and students in providing diverse pre-program, mid-program, post-program, and cognitive learning assessment. The paper also enumerates the 12 competencies to be taught in 5 core courses; they comprise competencies in the following areas: critical thinking, interpersonal processes, language, leadership, reading, research, oral communication, cultural appreciation, writing, decision-making, theoretical understanding, and ethical/philosophical appreciation. The paper includes 39 references as well as 2 figures and 10 appendixes explaining assessment and implementation techniques. (KEH)

EA

ED 327 911 EA 022 227

Krug, Samuel E. And Others
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form.
Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology; MetriTech Inc., MI.; National Center for School Leadership, Urbana, IL.
Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.
Pub Date—90
Contract—R117C80003
Note—85p.

Available from—Publications, National Center for School Leadership, University of Illinois at Urbana-Champaign, 3325 Beckman, 405 N. Mathews, Urbana, IL 61801 (\$12.00).
Pub Type—Reports—Research (143)—Numerical/Quantitative Data (110)—Tests/Questionnaires (160)

EDRS Price—MF01/PC04 Plus Postage.
Descriptors—*Administrator Attitudes, *Administrator Characteristics, Administrator Effectiveness, Administrator Role, Behavior Patterns, Elementary Secondary Education, *Instructional Leadership, Leadership Styles, *Moods, Personality Traits, *Principals, Work Experience

Results of a descriptive quantitative study to identify personal beliefs and goals shared by effective school principals are presented in this report. Data were collected through an experience sampling study of principals, and through teacher and student attitudinal surveys. The experience sampling stage involved 81 Illinois elementary or secondary principals who were electronically paged at randomly selected times to record current activities, beliefs, and moods. Findings indicate that principals' beliefs most significantly influence leadership effectiveness. An extensive bibliography, 53 tables illustrating the results of responses to the Principal Activity Sampling Form and a copy of the form are included. (LMI)

ED 327 912 EA 022 403

Fenton, Ray O'Leary, Neil
Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.
Pub Date—90

Note—26p; Paper prepared for the Annual Meeting of the Communication and Instruction Division of the Western States Communication Association (Phoenix, AZ, February 1991).
Pub Type—Speeches/Meeting Papers (150)—Reports—Evaluative (142)

EDRS Price—MF01/PC02 Plus Postage.
Descriptors—*Academic Achievement, *Communication Skills, Elementary Secondary Education, Inservice Teacher Education, Instructional Effectiveness, *Instructional Improvement, Professional Development, Teacher Effectiveness, *Teacher Improvement, Teacher Workshops, Teaching Methods

Identifiers—*Anchorage School District AK

A teacher communication skills training program to improve instruction, Teacher Expectations and Student Achievement (TESA), is described in this report, with a focus on the effect of improved instructional communication competence on academic achievement. In particular, the advocates of TESA hope that communication skills training will have a positive effect on the progress of low achievers and minority students. Methodology involved the administration of program evaluations to 27 principals and 2 groups of participating teachers: 118 teachers completed an assessment after the third workshop and 96 completed an end assessment. Results of pre- and post-achievement tests of 1,366 students for the years 1983-89 were also analyzed. Findings indicate that the program failed to significantly increase the academic achievement of minority students and low achievers; however, most of the teachers and approximately half of the principals reported changed instructional behaviors and improved student attitudes and achievement. The discrepant outcomes indicate that the program's underlying concept of instructional communication is problematic because of the lack of a relational orientation. Observations are made about the interaction between various communication behaviors, and the recommendation is made for development of a relational model of instructional communication that focuses on teacher-student characteristics and behaviors, the educational context, goals, and outcomes. Three statistical tables are included. (54 references) (LMI)

ED 327 913 EA 022 417

Earthman, Glen I.
A Regional On-Site Administrator Preparation Program.
Pub Date—Apr 90
Note—15p; Paper presented at the International Intervisitation Programme, "Towards 2000-Preparing Educational Managers," (Manchester, England, April 22-28, 1990).
Pub Type—Speeches/Meeting Papers (150)—Reports—Evaluative (142)

EDRS Price—MF01/PC01 Plus Postage.
Descriptors—*Administrator Education, Certification, *College School Cooperation, Degree Requirements, *Educational Certificates, Elementary Secondary Education, Graduate Study, Higher Education, *Internship Programs, Management Development, *Principals, Professional Education, Program Guides
Identifiers—*Virginia

A restructured administrator preparation program, the Regional Principal Preparation Program, is described in this report. The program is characterized by university/school cooperation, onsite delivery, job-relevant curriculum, full-time internships, mentorships, adequate candidate assessment, individualized educational programming, and followup support. Program evaluation is forthcoming. (LMI)

ED 327 914 EA 022 517

Kolderie, Ted
Beyond Choice to New Public Schools: Withdrawing the Exclusive Franchise in Public Education.
Policy Report No. 8.
Progressive Policy Inst., Washington, DC.
Pub Date—Nov 90
Note—26p.

Pub Type—Opinion Papers (120)
EDRS Price—MF01/PC02 Plus Postage.
Descriptors—Educational Innovation, Elementary Secondary Education, Governance, *Nontraditional Education, Public Schools, *School Choice, School District Autonomy, School Districts, School Restructuring

A strategy for revitalizing public education by stimulating the creation of new public schools is proposed in this report. The proposed system goes beyond school choice and is based on the withdrawal of local districts' exclusive franchise to own and operate public schools. The proposal is based on the premise that the state must provide both "choice" and "choices"—granting choice of school as well as providing alternatives to public schools. The new system for chartering schools would allow enterprising people to open innovative schools under contract to a public agency. Also examined is the notion of "divestiture," or allowing districts to relinquish operation of public schools while retain-

ing a broad policy-setting role. This proposal for fundamental educational reform is based on the following assumptions: (1) school restructuring has limited potential; (2) school districts' monopoly on public education is the heart of the problem; (3) the states are critical actors in revitalizing education; and (4) a competitive school system requires a variety of agencies that are free to charter new schools. The final section offers 11 guideposts for creating a competitive but publicly controlled and service-oriented public school system. (LMI)

ED 327 915 EA 022 522

Adams-Nepote, Sue

The Confidentiality Rights of HIV-Infected Individuals within a School.

Pub Date—Jul 90

Note—17p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, *Confidentiality, Elementary Secondary Education, *Freedom of Information, Health Education, Health Personnel, *Legal Responsibility, *Medical Case Histories, Medical Evaluation, Medical Record Administrators, *Public Schools, School Health Services

The right of Human Immunodeficiency Virus (HIV) infected students and staff members to continue in the public school system without disruption has been legally established. However, the question now lies in the legal implications of confidentiality. School districts must implement policies and procedures to ensure medical record confidentiality of HIV positive students and staff. A successful policy covers student, teacher, and community education; evaluation of infected students and staff; as well as confidentiality. The National School Boards Association suggests that school districts designate individuals such as the superintendent, the infected individual's personal physician, a public health official, and anyone chosen by the individual to be informed of the situation. All documentation should be kept in a locked file with the superintendent and access granted only to those with written consent. (EJS)

ED 327 916 EA 022 523

Thompson, David C.

Methods of Financing Educational Facilities in the United States.

University Council for Educational Administration, Manhattan, KS. Center for Education Finance.

Pub Date—Nov 90

Note—20p.

Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Building Obsolescence, *Capital Outlay (for Fixed Assets), *Educational Facilities, *Educational Facilities Improvement, *Educational Finance, Elementary Secondary Education, Financial Policy, *Financial Support, School Buildings, School Construction, *State Aid, State Surveys

Identifiers—*Kansas

In February 1990, special hearings were held by the Kansas Senate and House Education Committees on the physical condition of school facilities. This document offers a three-part synopsis: a brief and selective review of the testimony given in February 1990; an overview of general finance methods; and a state-by-state executive summary of the individual states' facility finance provisions. The testimony argued that for legal, ethical, and economic reasons Kansas should consider assisting districts with their facility needs; more generally, there is a history of litigation that intimates that states may increasingly be held responsible for assisting local districts. In regard to finance methods, capital outlay as an issue of equity has been subjected to three standards: resource accessibility, wealth neutrality, and taxpayer effort. Currently 30 states provide some true grant-in-aid assistance, and 35 states provide either grants or loans. The methods are generally: (1) full state support; (2) equalization grants; (3) matching grants; (4) flat grants; (5) state loans; and (6) building authorities. In the third part, details of individual state methods are provided in alphabetical order by state. (17 references) (MLF)

ED 327 917 EA 022 524

Burner, Christie And Others

Public School Choice: An Equal Chance for All? National Committee for Citizens in Education, Columbia, Md.

Spons Agency—Edward John Noble Foundation, New York, N.Y.; John D. and Catherine T. MacArthur Foundation, Chicago, IL.

Report No.—ISBN-0-934460-37-X

Pub Date—90

Note—34p.; This booklet was also supported by a grant from The Island Fund.

Available from—Publication Sales, National Committee for Citizens in Education, 10840 Little Patuxent Parkway, Suite 301, Columbia, MD 21044 (\$5.00 plus \$2.00 handling).

Pub Type—Reports - Evaluative (142) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Access to Education, Educational Environment, Educational Opportunities, Elementary Secondary Education, *Equal Education, Governance, *Nontraditional Education, *Public Schools, *School Choice, School Districts

Guidelines for creating equitable public school choice programs are offered in this booklet. Section 1 discusses the elements essential to a good public school choice plan: the reasons for interest in school choice; choice plans in private and independent schools, the history of the school choice movement; and the influences of parents, teachers, and the community on choice plans. The second section describes the ideal school design, learning environments and styles, specialized and alternative programs, and governance plans. Characteristics of good school choice programs are offered in section 3 and considerations for school selections are discussed in section 4. The fifth section describes means for involving and ensuring equal access to all families. The final section describes five successful programs in Cambridge, Massachusetts; East Harlem, New York; Minnesota; Montclair, New Jersey; and Richmond, California. A conclusion is that public school choice must be available to all populations, including disadvantaged groups such as the poor, minorities, and non-English speaking. The appendix lists 12 helpful references. (LMI)

ED 327 918 EA 022 529

School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout.

National Committee for Citizens in Education, Columbia, MD. ACCESS. The Information Clearinghouse about Public Schools.

Spons Agency—John D. and Catherine T. MacArthur Foundation, Chicago, IL.; Mott (C.S.) Foundation, Flint, Mich.; New World Foundation, New York, N.Y.

Pub Date—Aug 90

Note—78p.; Part of the Community Involvement in School Based Improvement project.

Pub Type—Reports - Descriptive (141) — Information Analyses (070)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Decentralization, *Effective Schools Research, Elementary Secondary Education, *School Based Management, School District Autonomy, School Organization, *School Restructuring

Research on school-based management approaches to educational reform, including effective schools research, is presented. Included are an introductory section on school-based improvement and its link to effective schools, by Anne T. Henderson; descriptive summaries of 53 references; a list of organizations to contact for further information; and a 2-page list of audio-visual materials on effective schools and resources. The research is divided into two topics: effective schools and school-based management. Each topic is subdivided by magazine/journal article and reports, studies and books. Each periodical entry contains the source (author, title of article, journal title, and related bibliographic data), a 2-3 paragraph summary and ordering information. The entries for the non-journal references contain the source (author, title, institutional source, date, length) along with a summary and ordering information including price. The introduction to this printout describes school-based management and improvement, the connection between effective schools and implementation involving a collaborative planning process, the Dade County plan, and 10 pitfalls to school-based improvement. (LMI)

ED 327 919 EA 022 534

Business and the Reshaping of Public Education: In Its Own Image.

National Education Association, Washington, D.C. Research Div.

Pub Date—90

Note—72p.

Available from—NEA Professional Library, P.O. Box 509, West Haven, CT 06516

Pub Type—Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Educational Change, *Educational History, Educational Improvement, Educational Trends, Elementary Secondary Education, Industry, Productivity, *Public Education, School Business Relationship, *School Restructuring

Identifiers—*National Education Association

Based on the premise that an understanding of the historical context of educational innovation in American public schools is necessary to selectively choose from the great variety of current reform propositions, this report reviews trends in education from the turn of the century. The first section presents a critique of turn-of-the-century public education in America, with a focus on the development of the scientific management movement and the corporate model of school governance. Pedagogical progressive and social reconstructionist movements in education are discussed in section 2. Reasons for resistance to educational change are examined in the third section, and a postwar retrospective on school improvement is offered in section 4. The fifth section looks at the restructuring of education and the economy, specifically, the crisis of competitiveness and its implications, elements of restructuring, examples of restructuring efforts, and a critical appraisal of reform movement prospects. Recommendations for reform and educator advocacy are presented in the final part. An extensive bibliography is included. (LMI)

ED 327 920 EA 022 540

Walker, Karen

Emerging Issues: A Survey of Education Committee Chairs.

National Conference of State Legislatures, Denver, CO.

Pub Date—Jan 89

Note—14p.; Table contains small print. For the 1988 report, see ED 310 489.

Journal Cit—State Legislative Report; v14 n3 Jan 1989

Pub Type—Collected Works - Serials (022) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Accountability, At Risk Persons, Early Childhood Education, Educational Finance, *Educational Trends, Elementary Secondary Education, Finance Reform, Higher Education

Identifiers—*Educational Issues, *National Conference of State Legislatures

Findings of a national survey of educational committee chairs to identify and rank the top five issues in education are summarized in this report. The top five issues, in order of importance, are the following: K-12 school finance; accountability; at-risk youth; higher education finance; and early childhood education. Effectiveness is identified as the educational theme for 1989, with a focus on the increasing importance of accountability, at-risk programs, and funding of higher education. One table denoting the rankings of the top issues by state for 1989 is included. (LMI)

ED 327 921 EA 022 548

Candoli, I. Carl

School System Administration: A Strategic Plan for Site-Based Management.

Report No.—ISBN-0-87762-728-2

Pub Date—91

Note—245p.

Available from—Technomic Publishing Company, Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604 (\$39.00).

Pub Type—Books (010) — Guides - Non-Classroom (055)

Document Not Available from EDRS.

Descriptors—*Administrative Principles, *Administrator Responsibility, Democratic Values, Elementary Secondary Education, Government Role, *Public Education, *School Based Management, *School Restructuring, Social Change, *Superintendents

Attempting to place the evolution and current status of the American school system in a context that encourages administrators' pursuit of educational restructuring, this text provides a blueprint for districts choosing a site-based management approach to school system organization. Chapter 1 examines

the evolution of the American school system and American society (from agrarian to industrial to technological), focusing on the role of democratic values and societal change in shaping education. Chapter 2 reviews various organizational patterns throughout the American school system, traces the development of the superintendency, establishes seven basic school system functions, and suggests site-based management as the appropriate way to organize these functions. Chapters 3 through 9 present the functions (planning, program delivery, evaluation, communications, financial management, instructional support, and noninstructional support) as they should be conceived for implementing a site-based management approach. The final chapter deals with governance issues and explicates the role of the federal government, the state, and the local school board. Included are an index and 27 references. (MLH)

ED 327 922 EA 022 549

Konner, M. William. *Augenstein, John J.*
The Superintendency in the Nineties; What Superintendents and Board Members Need to Know.
Report No.—ISBN-87762-757-6
Pub Date—90
Note—244p.

Available from—Order Department, Technomic Publishing Company, Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604 (\$35.00).
Pub Type—Books (010) — Guides - Non-Classroom (055)

Document Not Available from EDRS.
Descriptors—*Administrative Principles, *Administrator Responsibility, *Educational Administration, Elementary Secondary Education, Interpersonal Competence, *Leadership Qualities, Politics of Education, *Success, *Superintendents

Identifiers—*Beginning Superintendents
The basic purposes of this book are to provide information for individuals seeking their first superintendency and to help incumbents improve their leadership skills. Since an overall perspective is essential, part 1 provides a brief history of the superintendency, followed by a presentation of a big picture perspective and a discussion of organizational dynamics, the superintendent's changing role, quality of work life issues, and the emergence of female administrators. Part 2, which discusses the superintendent as school system leader, is presented in four sections. The first section traces the history of leadership and discusses the uniqueness of the superintendency as compared to other administrative positions within the school system. The second section addresses the importance of a superintendent's personal philosophy in providing school system leadership. The last two sections identify essential personal and professional leadership competencies. Part 3 discusses the processes of preparing for, obtaining, and leaving a superintendency, and part 4 considers what is necessary for maintaining one's health, happiness, and sanity while serving as a superintendent. The book concludes by suggesting the synergism and excitement awaiting the superintendent of the nineties. An index and numerous chapter references are included. (MLH)

ED 327 923 EA 022 561

Saxe, Richard
Curriculum Management in 29 School Districts in Northwest Ohio.
Pub Date—17 Dec 90
Note—15p.

Pub Type—Reports - Research (143)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Curriculum Design, *Curriculum Development, Curriculum Enrichment, Curriculum Evaluation, Elementary Secondary Education, Instructional Improvement, *School Districts

Identifiers—*Ohio (Northwest)
Curriculum practices of northwest Ohio school districts are described in this exploratory study. Thirty-one out of 33 superintendents responded to a questionnaire that collected information on the following: administrative responsibility for curriculum management; the curriculum review and management process; public relations practices; curriculum improvement needs; constructive practices; and influences on curriculum. Findings are used to construct a prototype district profile, in which curriculum management occurs by comparing actual curriculum practices to instructional standards and student outcomes. Districts identify reform legislation needs as most pressing and improved teacher involvement as their most important

accomplishment. Strongest influences on curriculum, excluding teachers, include state mandates, tests, and textbooks. Information will be used to design a more carefully controlled national study. (LMI)

ED 327 924 EA 022 564

Creech, Joseph D.
Educational Benchmarks, 1990.
Southern Regional Education Board, Atlanta, Ga.
Pub Date—90
Note—36p.

Available from—Publications, Southern Regional Education Board, 592 Tenth Street, N.W., Atlanta, GA 30318-5790 (\$10.00).

Pub Type—Reports - Research (143) — Information Analyses (070)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Early Childhood Education, *Educational Assessment, *Educational Objectives, Educational Trends, Elementary Secondary Education, Futures (of Society), Higher Education, High Risk Students, Measurement Objectives, *School Statistics, *State Norms, Statewide Planning, Tables (Data)

Identifiers—*Educational Indicators, *Southern Regional Education Board

During the 1980s the 15 Southern Regional Education Board (SREB) states led the nation in implementing new standards and programs to improve the quality of education. The most common goals set by SREB states include: (1) ensuring that all children are ready for either first grade or kindergarten; (2) improving accountability programs in which school performance is evaluated regularly; (3) improving student achievement; (4) reducing the dropout rate or increasing the high school graduation rate; (5) increasing the number of students ready for college-level work; and (6) attracting, retaining, and compensating good teachers and faculty. In October 1988, SREB's Commission for Educational Quality put forward 12 specific goals of education and a number of "indicators of progress" for reaching these goals. This report presents SREB's 12 goals and focuses on national benchmarks to which SREB states can compare themselves, addresses the adequacy of reporting systems for measuring progress, and highlights the status of states and the region on key educational indicators. Interspersed with the text are 8 figures and 16 tables. (MLF)

ED 327 925 EA 022 568

Tan, Norma
The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4.
Manhattan Inst. for Policy Research, New York, NY. Center for Educational Innovation.
Spons Agency—John M. Olin Foundation, Inc., Alton, Ill.

Pub Date—Oct 90
Note—30p.
Pub Type—Reports - Evaluative (142)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, *Educational Improvement, Elementary Secondary Education, Parent Participation, *School Choice, School Restructuring, *Voluntary Desegregation

Identifiers—*Cambridge Public Schools MA
A plan to promote parental school choice, namely, the Cambridge Controlled Choice School Desegregation Plan, is described in this report. The introduction presents a definition and the history of school choice, and the second chapter offers a program description of the community context, an overview of the public school situation in Cambridge, school and program options, parent participation and decision making, and the student assignment process. Program outcomes are described in the third chapter, with attention to socioeconomic and ethnic ratios, enrollment, the percentage of students attending their schools of choice, attendance and retention, achievement, and future educational and career plans. The fourth chapter, on school improvement, examines the issues of district roles and school autonomy. It is concluded that the program was successful in achieving voluntary desegregation, improved community relations, and a gradual overall increase in student achievement levels. Ten tables are included. (LMI)

ED 327 926 EA 022 569

Selecting a Superintendent.
Idaho School Boards Association, Boise.
Pub Date—76
Note—35p.

Pub Type—Guides - Non-Classroom (055) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Administrator Selection, *Board of Education Role, *Boards of Education, Elementary Secondary Education, *Search Committees (Personnel), *Superintendents

Selecting a superintendent is a complex and varied process. This is a comprehensive how-to guide intended to represent an overview of questions, problems, and actions a school board will have to consider and plan for in the search for a new superintendent. Early decisions include setting a schedule for the selection procedure, choosing a search coordinator, and establishing a budget. Thoughtful analysis of educational goals and problems is advised as these can be determinants of leadership needs. Initial and final interview objectives and techniques as well as community involvement and terms of contract are included. An appendix contains a sample vacancy announcement and contract; and credential, interview, and community visitation assessment forms. (EJS)

ED 327 927 EA 022 572

Dorman, Arthur, Ed. Fulford, Nancy, Ed.
Incentives Closeup: Profiles of Twenty-One Teacher Incentive Programs. Attracting Excellence: Call for Teacher Incentives Series.
North Central Regional Educational Lab., Elmhurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Aug 89
Note—245p.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (Order No. CTI-706; \$15.00).

Pub Type—Reports - Research (143)
EDRS Price - MF01/PC10 Plus Postage.

Descriptors—Elementary Secondary Education, *Incentives, Program Development, School Districts, Teacher Characteristics, *Teacher Motivation, Teacher Persistence, Teacher Welfare

Identifiers—*North Central Regional Educational Laboratory
Twenty-one local education agency teacher incentive programs from seven north central states—Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, and Wisconsin—are described in this report. Methodology involved mail surveys of certified staff (which yielded an overall response rate of 78 percent), telephone interviews with program leaders and participants, and analysis of program documentation. Part 1 describes the conceptual framework and methodological design, and part 2 summarizes the 21 case studies and state policy contexts. Detailed descriptions of the individual programs are provided in part 3, followed by a synthesis of information on planning, development, implementation, and coordination among local, state, and regional agencies in part 4. Part 5 develops a framework for the analysis of incentive plans and organizes findings into personal and organizational factors. A conclusion is that teacher incentive plans are an integral part of the school improvement process. Appendices contain respondent characteristics and the survey questionnaire. (LMI)

ED 327 928 EA 022 573

Dorman, Arthur, Ed. Fulford, Nancy, Ed.
Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series.
North Central Regional Educational Lab., Elmhurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Feb 90
Note—174p.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (Order No. CTI-801; \$8.50).

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Elementary Secondary Education, *Incentives, Motivation Techniques, Professional Development, Recognition (Achievement), *Teacher Motivation, Teacher Persistence, Teacher Role, Teacher Welfare

Identifiers—*North Central Regional Educational Laboratory, Teacher Researchers
Five studies by teacher-researchers on teacher

incentive programs are presented in this report. Offered are descriptions of the five programs, information on the teacher-researcher role, and the kinds of support necessary for facilitation. The case studies include the Professional Growth Fund of Elmhurst, Illinois; the Mentor Teacher Program of Marshalltown, Iowa; the Motivation to Excellence plan of North Olmsted, Ohio; the Superior Instruction Awards Program of Rittman, Ohio; and the Teacher Incentive Pilot Program of Waunakee, Wisconsin. A conclusion is that increased professional opportunities and recognition lead to increased teacher motivation and satisfaction. Recommendations are made for a diverse approach that offers extrinsic as well as monetary rewards. Surveys and findings accompany each study. (LMI)

ED 327 929 EA 022 574
Jens, Beau Fly Fennimore, Todd F.

The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring to Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—57p; For other guidebooks in this nine-volume series, see EA 022 575-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emory Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Cognitive Style, Elementary Secondary Education, Interactive Video, Learning Modules, *Learning Theories, Professional Development, School Based Management, *School Restructuring, Telecommunications, *Teleconferencing, Workshops

Based on the concept of telecommunications as an effective means for creating a forum on school restructuring, the first video conference in a series of nine focuses on recent research on learning and describes the characteristics of successful learners from three perspectives: cognitive, philosophical, and multicultural. Provided in this guidebook are pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting conference topics, information about other video conferences in the series, computer forums, course credit information, a list of supplementary materials, 39 references and 3 video sources, and a list of 9 regional resources. Bibliographic information is supplied on the conference's presenters. (LMI)

ED 327 930 EA 022 575

Fennimore, Todd F. Tinzmann, Margaret Banker
The Thinking Curriculum. Video Conference 2. Restructuring to Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—70p; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emory Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Critical Thinking, *Curriculum Development, Curriculum Enrichment, Elementary Secondary Education, Interactive Video, Learning Strategies, Professional Development, *School Restructuring, *Teleconferencing, *Thinking Skills

A redefinition of the concept of learning necessitates the development of a "thinking curriculum." Second in a series of nine video conferences, this guidebook describes components of a thinking curriculum, which is characterized by a dual agenda of content and process. Contents of the guidebook include pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting conference topics, information about other

video conferences in the series, computer forums, course credit information, a list of supplementary materials, 40 references and five video sources, and a list of 9 regional resources. Bibliographic information is supplied on the conference presenters. (LMI)

ED 327 931 EA 022 576

Tinzmann, Margaret Banker And Others

The Collaborative Classroom: Reconnecting Teachers and Learners. Video Conference 3. Restructuring to Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—78p; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emory Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Classroom Techniques, *Cooperative Learning, Elementary Secondary Education, Instructional Improvement, Interactive Video, Professional Development, *School Restructuring, Shared Resources and Services, Student Role, Teacher Role, Teacher Student Relationship, Teaching Methods, *Teleconferencing

The extension of the new thinking curriculum into the classroom suggests that the redefinition of learning requires a collaborative classroom. Provided in this third guidebook in a series of nine video conferences is an elaboration on the definition of classroom collaboration, a description of classroom characteristics and student and teacher roles, a summary of relevant research, a discussion of issues related to instructional innovation, and a presentation of examples of collaborative teaching methods. Characteristics of a collaborative classroom include shared knowledge and authority among teachers and students, teachers as mediators, and heterogeneous student groupings. Also included are pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting teleconference topics, information about other video conferences in the series and computer forums, course credit information, a list of supplementary materials, 58 references and 3 video sources, and a list of 9 regional resources. Presenters' biographical information is given. (LMI)

ED 327 932 EA 022 577

Kulieke, Marilyn And Others

Multidimensional Assessment: Strategies for Schools. Video Conference 4. Restructuring to Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—73p; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emory Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Educational Assessment, Educational Testing, Elementary Secondary Education, Holistic Evaluation, Interactive Video, *Measurement Techniques, Multitrait Multimethod Techniques, *School Restructuring, *Student Evaluation, *Teleconferencing

Based on the assumption that changes in the educational experience require changes in the evaluation of student learning, this fourth guidebook in a series of nine video conferences on school restructuring presents information on the evolution of student assessment. Four shifts in educational assessment are identified: from testing to multiple assessments, from cognitive to diverse abilities, from uni- or bi-dimensional to multidimensional measurement, and from isolated to integral assessment. Also provided are pre- and post-conference activities, a program evaluation, essays and

school-based activities highlighting conference topics, information about other video conferences in the series and computer forums, course credit information, a list of supplementary materials, 73 references and 5 video sources, and a list of 9 regional resources. Biographical information is given on the conference presenters. (LMI)

ED 327 933 EA 022 578

Tinzmann, Margaret Banker And Others

Schools as Learning Communities. Video Conference 5. Restructuring to Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—65p; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emory Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Community Cooperation, Community Coordination, Community Involvement, Community Role, Elementary Secondary Education, Interactive Video, *School Community Relationship, *School Restructuring, *Teleconferencing

Ways in which schools and communities collaborate to create a learning community are described in this fifth guidebook in a series of nine video conferences on school restructuring. Extended school and community roles include enrichment of the learning environment, coordination of a learning support network, and expansion of the community of learners. Also provided are pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting conference topics, information about other video conferences in the series and computer forums, information on course credit, a list of supplementary materials, 37 references and a list of organizations to contact for videos, and a list of 9 regional resources. Biographical information is supplied on the conference presenters. (LMI)

ED 327 934 EA 022 579

Horsley, Donald

Many Roads to Fundamental Reform: Getting Started. Video Conference 6. Restructuring to Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—74p; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emory Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Change Strategies, Educational Development, *Educational Innovation, Elementary Secondary Education, Interactive Video, *Organizational Change, Program Implementation, School Organization, *School Restructuring, *Systems Development, *Teleconferencing

The understanding and management of the changes called for by fundamental restructuring are discussed in this sixth guidebook in a series of nine video conferences on school restructuring. Offered are a summary of school improvement over the last 30 years, a systems framework for individual and team changes, and strategies for organizational change and implementation. Also included are pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting the conference topics, information about other video conferences in the series and computer forums, course credit information, a list of supplementary materials, 45 references and 3 video sources, and a list of 9 regional resources. Biographical information is supplied on the conference presenters. (LMI)

ED 327 935 EA 022 580

Horsley, Donald

Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—73p.; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emroy Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Change Strategies, *Educational Innovation, Elementary Secondary Education, *Interactive Video, *Organizational Change, Program Development, *School Restructuring, *Teleconferencing

Three phases of any change effort include initiation, implementation, and continuation. This seventh guidebook in a series of nine video conferences addresses later stages of implementation and continuation (initiation and early stages of implementation are discussed in the sixth guidebook.) In the guidebook are definitions of the three phases of change; a discussion of issues involved in carrying out implementation and continuation; an examination of three special attention issues—students' multicultural backgrounds, at-risk children's needs, and reform in rural and small schools; and a summary of the dynamics of change, which stresses fundamental reform as a cyclical process. Also included are pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting conference topics, information about other video conferences in the series and computer forums, course credit information, a list of supplementary materials, 75 references, 9 organizational resources, and 9 regional resources. Biographical information is given on the conference presenters. (LMI)

ED 327 936 EA 022 581

Hixon, Judson Tinzmann, Margaret Banker

The Meaning of Professional Development in the 21st Century. Video Conference 8. Restructuring To Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—72p.; For other guidebooks in this nine-volume series, see EA 022 574-582.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emroy Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Elementary Secondary Education, Inservice Education, *Interactive Video, *Professional Development, Professional Education, Professional Training, *School Restructuring, Staff Development, *Teleconferencing

Changes in education have direct implications for the role and responsibility of professional development. This eighth guidebook in a series of nine video conferences examines the meaning of professional development in light of recent educational innovations. Included are an outline of new priorities and expanded functions of professional development and a discussion of new delivery systems for professional development. Also provided are pre- and post-activities, a program evaluation, essays and school-based activities highlighting conference topics, information about other video conferences in the series and computer forums, course credit information and a list of supplementary materials, 36 references and a video source, and a listing of 9 regional resources. Biographical information is given on the conference presenters. (LMI)

ED 327 937 EA 022 582

Hixon, Judson Tinzmann, Margaret Banker

R1E JUN 1991

Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools, A Guidebook.

North Central Regional Educational Lab., Elmhurst, IL; Public Broadcasting Service, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0004

Note—75p.; For other guidebooks in this nine-volume series, see EA 022 574-581.

Available from—PBS Video, 1320 Braddock Place, Alexandria, VA 22314 and NCREL, 295 Emroy Ave., Elmhurst, IL 60126.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*At Risk Persons, Disadvantaged Youth, Educationally Disadvantaged, Elementary Secondary Education, *High Risk Students, *Interactive Video, School Restructuring, *Teleconferencing

The implications of restructuring proposals for at risk students are examined in this ninth guidebook in a series of nine video conferences on school restructuring. Contents include a description of four approaches for the identification of at risk students: predictive, descriptive, unilateral, and school factors; a discussion of the relationship between meeting at risk student needs and overall school success; an examination of barriers to academic achievement; and an analysis of alternative approaches and strategies for prioritizing restructuring initiatives. Also included are pre- and post-conference activities, a program evaluation, essays and school-based activities highlighting conference topics, information about other video conferences in the series and computer forums, course credit information and a list of supplementary materials, 69 references, 2 video sources, and 9 regional resources. Biographical information is given on the conference presenters. (LMI)

ED 327 938 EA 022 583

Murphy, Dennis T. McKeen, Robert E.

Cost Saving Techniques: What Works for Long Island School Districts.

Pub Date—91

Note—50p.

Available from—M&M Associates, Box 2000, Miller Place, NY 11764 (\$9.95 plus \$1.00 postage and handling).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Cost Effectiveness, Cost Estimates, Educational Finance, Elementary Secondary Education, Expenditures, Money Management, Resource Allocation, *School District Spending Identifiers—*New York (Long Island)

Cost-saving ideas and strategies for school districts are presented. Superintendents, school business officials, assistant superintendents of personnel and union leaders at 41 of Long Island's 125 school districts responded to a survey soliciting information about successful ideas and strategies they had used to keep cost down. They described what they had done, the method they used to computer cost savings, and to estimate what money was saved through the implementation of this strategy. The strategies used could not cause a loss in educational program or in the quality of education being offered. More than 70 strategies are grouped by the following types: employee benefits, transportation, financial management, insurance/risk management, instructional program practices, personnel practices, plant/facilities management, purchasing, support services, and food service. Each entry contains the title of the strategy, a one-paragraph description, a note on special consideration (e.g., availability of facilities, requirement to negotiate with unions), estimated cost savings, and commentary on each strategy by school business officials and superintendents (e.g., works best in small districts). The appendix includes a newspaper article by one of the authors and the data collection form. (LMI)

ED 327 939 EA 022 594

The Top Ten Educational Issues, 1991 Edition.

Macomb Community Coll., Warren, MI. Inst. for Future Studies.

Pub Date—91

Note—26p.; For 1990 edition, see ED 318 129.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Change Strategies, *Educational Innovation, *Educational Trends, Elementary Secondary Education, Environmental Influences, Organizational Change

Identifiers—*Educational Issues

The 10 foremost issues in American education are discussed in this document. Based on the premise that three-quarters of the effects on an institution are triggered by external forces, the focus is on external influences on education. The discussion is intended to move readers to the level of organizational discussion and debate. Twelve sections present information on the current educational system's ability to meet overwhelming demands; citizen dissatisfaction and the push for immediate, low cost solutions; the conflict between entertainment and reality in instruction; developing visionary local governance; making sacrifices and trying new strategies to compete internationally; identifying common denominators among interest groups; meeting international educational standards; obstacles to change; recognizing and stopping violence in the schools; and appreciating the positive aspects of the situation. (LMI)

ED 327 940 EA 022 597

Title, David

Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market.

Regional Laboratory for Educational Improvement of the Northeast & Islands, Andover, MA.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0005

Note—42p.

Available from—Publications, Regional Laboratory for Educational Improvement of the Northeast and Islands, 300 Brickstone Square, Suite 900, Andover, MA 01810 (Order No. 9074; \$6.15 plus \$2.50 shipping and handling).

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Administrator Education, Administrator Evaluation, *Administrator Qualifications, Administrator Selection, *Certification, Credentials, *Educational Administration, Elementary Secondary Education, Evaluation Criteria, Professional Development

Identifiers—*United States (Northeast)

The development of a regional credential for administrator certification is discussed as a means to increase the supply of qualified applicants for educational administrative positions in the Northeast. Relevant issues are addressed, which include voluntary/mandatory competence, administrator experience level at which certification should occur, means of renewal, and changes in certificate titles. Barriers to success are discussed, which include conflict between quality and quantity, divergent administrator preparation program standards, administrator shortages caused by increased mobility, negative impacts on women and minority candidates, and resistance from higher education. Recommendations call for the implementation of an outcome-based assessment of administrator training program graduates, development of a regional credential, and establishment of a regional task force. Appendices include generic standards for program approval, specific evaluation criteria for educational administration programs, and recent state efforts to review administrator certification. (18 references) (LMI)

ED 327 941 EA 022 598

A Guide to Expanding School-Based Prevention.

Western Center for Drug-Free Schools and Communities.

Spons Agency—Department of Education, Washington, DC.

Pub Date—Oct 89

Contract—S188A80003

Note—18p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Alcohol Abuse, Drug Abuse, *Drug Education, Early Intervention, Elementary Secondary Education, *Prevention, *School Role, *Substance Abuse

School-based substance abuse prevention strate-

learning settings, such as the classroom. Recently, research on school culture has suggested that schools do indeed differ in the kind of learning environment they provide. The present paper advances this research one step further. An extensive study of school achievement (in conjunction with a statewide assessment program) involving over 16,000 students in 820 Illinois schools was conducted. Primary variables considered in this report are the school's psychological environment or "culture," student ethnic background, and motivation. Results showed that school culture was more important for minority than white students, so far as facilitating motivation was concerned, and that one school environment may not fit all equally well. Whereas a stress on accomplishment is likely to be important to Whites, Asian students seem especially susceptible to isolation and could benefit from a collegial school environment. If these results are valid, educators are faced with the problem of creating different school cultures within the same general school context. More research is needed on school culture influences. (21 references) (Author/MLH)

ED 327 948 EA 022 607

Maehr, Martin L. Fyans, Leslie J., Jr.

School Culture, Motivation, and Achievement.

Project Report.

Illinois Univ., Urbana. Coll. of Education; MetriTech Inc., MI; Michigan Univ., Ann Arbor. School of Education; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C8003

Note—40p. A revised version of this report can be found in a chapter of "Motivation Enhancing Environments: Advances in Motivation and Achievement" (1988, JAI Press, Greenwich, CT). This report should not be confused with EA 022 608, a different report with the same title.

Available from—Publications, National Center for School Leadership, 1208 West Springfield, Room 208, Urbana, IL 61801 (Order No. PR-C003; \$8.00).

Pub Type—Information Analyses (070) — Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, *Educational Environment, High Schools, *High School Students, Leadership Responsibility, School Effectiveness, *Student Motivation, Student School Relationship

Identifiers—Organizational Culture, *School Culture

After defining school culture in terms of Organizational Culture, after Maehr and Braskamp (1986), this document presents three related studies, each based on data from a 1989 statewide assessment effort by the University of Illinois and the Illinois State Board of Education. The studies explore the relationship between school culture, motivation, and achievement. The first uses data collected from 9,693 high school juniors and examines school characteristics and family background in relationship to student motivation and academic achievement in specific subjects. The second study, drawn from the responses of 4,002 10th-grade students, explores the viability of the causal model in which school culture affects motivation, which, in turn, affects achievement. Also discussed are the influence of peer and family achievement pressure on motivation and achievement. The third study uses the same database as the second and examines the relative influence of the five dimensions of school culture—namely, accomplishment, power, recognition, affiliation, and overall sense of purpose—on student motivation. Lastly, the degree to which student ethnicity, enrollment orientation, and education of parents influence the effect the different facets of school culture have on motivation is discussed. Included are 3 figures and 14 tables. (66 references) (CLA)

ED 327 949 EA 022 608

Fyans, Leslie J., Jr. Maehr, Martin L.

School "Culture," Motivation, and Achievement.

Project Report.

Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology; MetriTech Inc., MI; Michigan Univ., Ann Arbor. School of Education; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research

and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C80003

Note—51p.; Not to be confused with EA 022 607, a different report with same title.

Available from—National Center for School Leadership, 1208 West Springfield, Room 208, Urbana, IL 61801 (Order No. PR-C004, \$8.00).

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Academic Achievement, *Classroom Environment, *Educational Environment, Elementary Secondary Education, *Learning Activities, Models, Psychological Studies, *Student Motivation

Identifiers—Illinois, *School Culture

Recent research on motivation and education has focused on the psychological environment of the classroom. Special consideration has been given to perceived stresses on goals, purposes, and meanings of learning activities and the relationships of these to motivation and achievement. The study summarized in this paper builds on this work, especially on the conceptualization of a psychological environment. Taking advantage of an extensive student achievement study conducted in association with a statewide assessment program, researchers surveyed over 16,000 students in 4 different grade levels in 820 Illinois schools regarding perceptions of school goal stresses ("school culture"). Their responses were considered in relationship to measures of motivation and achievement, using causal modeling techniques. Results generally provided support for a causal model that links school culture to motivation and motivation to achievement, though the relative importance of school culture varied at different school levels. Additionally, the five culture dimensions (accomplishment, power, recognition, affiliation, and overall sense of school mission) varied in importance as predictors of motivation. (32 references) (Author/MLH)

ED 327 950 EA 022 609

Krug, Samuel E.

Leadership and Learning: A Measurement-Based

Approach for Analyzing School Effectiveness

and Developing Effective School Leaders.

Project Report.

Illinois Univ., Urbana. Coll. of Education; MetriTech Inc., MI; Michigan Univ., Ann Arbor. School of Education; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C8003

Note—72p.; Revision of a December 1988 report. Available from—Publications, National Center for School Leadership, 1208 West Springfield, Room 208, Urbana, IL 61801 (Order No. PR-B004; \$8.00).

Pub Type—Information Analyses (070) — Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Administrator Characteristics, *Administrator Effectiveness, Educational Environment, Elementary Secondary Education, *Instructional Leadership, Measurement Techniques, *School Effectiveness

Attending to the questions of how school leadership influences learning and achievement and what effective school leaders do, this document describes a measurement-based approach for studying and developing effective school leadership. The document details the conception, refinement, and psychometric properties of the Instructional Leadership Inventory (ILI), a self-report survey designed to assess the direct impact principals have on their schools. Responses regarding principals' efforts to define school mission, manage curriculum, supervise teaching, monitor student progress, and promote instructional climate and those responses regarding general characteristics of staff, school, and community are used in the ILI to uncover characteristics of effective leadership. Also described are the conception, development, reliability, and validity of the student version and teacher version of the Instructional Climate Inventory (ICI), a multiple-choice survey designed to flesh out and cross-check the information obtained via the ILI. Lastly, the document discusses the School Administrator Assessment Survey (SAAS), a modification of Maehr and Braskamp's SPECTRUM, which is designed to measure administrators' job satisfaction, commitment, self-concept, personal incentive, perception of job opportunities, and perception of instructional cli-

mate. Included are six tables and one figure. (46 references) (CLA)

ED 327 951 EA 022 610

Maehr, Martin L. And Others

Teachers Commitment and Job Satisfaction.

Project Report.

Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology; Michigan Univ., Ann Arbor. School of Education; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C80003

Note—54p.

Available from—Publications, National Center for School Leadership, 1208 W. Springfield, Room 208, Urbana, IL 61801 (Order No. PR-C006; \$8.00).

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Administrator Responsibility, Elementary Secondary Education, *Job Satisfaction, *Leadership, *Models, Principals, Public Education, School Effectiveness, *Teacher Effectiveness, *Teachers

Identifiers—*Commitment, Illinois (Champaign), *School Culture

Recent school effectiveness research has underscored the importance of teachers' personal investment and commitment—not just to education, but to the particular mission operating in their own school setting. There is growing evidence that aspects of the school organization are related to both job satisfaction and commitment. Employing path analysis techniques with a sample of 101 teachers from four schools in the Champaign, Illinois, area, the study summarized in this paper tests a causal model linking leadership behavior to school culture to teacher job satisfaction and commitment causal model. Results provides support for the model. A school culture that stresses accomplishment and recognition is likely to elicit job satisfaction and commitment, whereas a culture emphasizing affiliation is of lesser significance. Power has a negative influence on these orientations. The perception of an organizational emphasis on accomplishment and recognition is associated with specific types of action taken by principals. Surprisingly, the principal's active involvement in supervising instruction and monitoring student progress does not emerge as an important factor. Further research is needed to substantiate these findings. (31 references) (MLH)

ED 327 952 EA 022 611

Mitchell, Douglas

Principal Leadership: A Theoretical Framework for Research. Project Report.

Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C80003

Note—53p.

Available from—Publication Sales, National Center for School Leadership, 1208 W. Springfield, Room 208, Urbana, IL 61801 (Order No. PR-B008; \$10.00).

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Administrator Responsibility, Administrator Role, Educational Administration, *Educational Environment, Elementary Secondary Education, Instructional Leadership, *Leadership Training, Management Development, Organizational Climate, *Principals, Supervision

A theoretical framework for leadership development is developed in this paper that links prior research findings to a cultural theory of principal influence on school performance. Four core dimensions of principal work—supervision, administration, management, and leadership—are analyzed in terms of their contributions to underlying cultural processes, showing how these work activities encourage a different approach to teaching and other school-related tasks. The tension between "settlement" and "frontier" cultures is explored as a way of clarifying the difference between routinized and problem-solving approaches to the principalship. Five research hypotheses for empirical verification of the theoretical framework are developed. (12 references) (LMI)

ED 327 953 EA 022 612

Smith, Julia And Others

Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report.

Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology; Michigan Univ., Ann Arbor. School of Education; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C80003

Note—26p.

Available from—Publication Sales, National Center for School Leadership, 1208 W. Springfield, Room 208, Urbana, IL 61801 (Order No. FR-C007; \$5.00).

Pub Type—Reports + Research (143)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*Administrator Attitudes, *Administrator Characteristics, *Educational Environment, Elementary Secondary Education, *Leadership Styles, *Principals

Identifiers—Illinois

The role of personal and contextual factors in predicting principals' age, gender, experience, self-concept, and personal incentives is examined in this exploratory study. Contextual factors include characteristics of the school, staff, and community, and the district's psychological environment. In a sample of 160 Illinois principals, multiple regression was used to identify significant predictors of two leadership behaviors and three management behaviors. Findings indicate that the most influential personal characteristics are individual goals and incentives, and the most influential contextual factors are district psychological environment. Staff characteristics are associated with four of the five administrative behaviors, and community characteristics are unrelated to either management or leadership functions. Four tables are included. (25 references) (LMI)

ED 327 954 EA 022 613

Maehr, Martin L.

The "Psychological Environment" of the School: A Focus for School Leadership. Project Report.

Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology; Michigan Univ., Ann Arbor. School of Education; National Center for School Leadership, Urbana, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—R117C80003

Note—69p.

Available from—Publication Sales, National Center for School Leadership, 1208 W. Springfield, Room 208, Urbana, IL 61801 (Order No. FR-C002; \$10.00).

Pub Type—Reports + Research (143)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—Academic Achievement, Causal Models, *Educational Environment, Institutional Characteristics, Intermediate Grades, Leadership Styles, Path Analysis, Psychometrics, School Administration, Secondary Education, *Student Motivation

The effects of the school psychological environment on student motivation and the indirect effects of school leadership on student motivation are examined in this report. Path analysis of a comprehensive data set of over 16,000 fourth-, sixth-, eighth-, and tenth-grade students from 880 public schools was used to develop a causal model based on a psychometric approach. The model identifies a causal chain of factors leading from school goal stresses through motivation to achievement for grades 6, 8, and 10. Findings point to the importance of the school psychological environment at the tenth-grade level, especially for nonwhite students, the significance of ethnicity in motivation, and the crucial role of the family at the fourth-grade level. A conclusion is that school leaders can and do influence the psychological environment of their schools. Three figures and six tables are included. (39 references) (LMI)

ED 327 955 EA 022 615

Schools for the Twenty-First Century.

California State Dept. of Education, Sacramento.

Report No.—ISBN-0-9011-0911-6

Pub Date—90

Note—81p.

Available from—Bureau of Publications, Sales Unit, California Department of Education, P.O. Box 271, Sacramento, CA 95802-0271 (\$3.75 plus sales tax for California residents).

Pub Type—Guides - Non-Classroom (055)

EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Building Plans, Design Build Approach, Design Requirements, *Educational Facilities Design, *Educational Facilities Improvement, *Educational Facilities Planning, Educational Trends, Elementary Secondary Education, Facility Case Studies, Facility Requirements, *Futures (of Society)

Proper planning in the design of new school facilities saves time, money, and resources. The importance of planning increases when funds are scarce, as limited dollars must be put to their best use. A dialogue should be generated in the community and among members of the school planning committee regarding how schools should look. Many questions that must be considered in the construction of new schools and building remodeling are addressed as well as issues and alternatives each district can take into account with its own resources, situation, and philosophy. The first section looks at a hypothetical school containing design elements that are described and discussed in section 2. Section 3 outlines planning steps, specification determination, and planning for quality. Design examples of nine schools, a master plan checklist, and a listing of resources in providing planning assistance are included. (EJS)

ED 327 956 EA 022 617

Jones, Beau Fly, Ed.

Managing Instruction for Equity and Excellence: Effective Alternatives to Tracking. Teleconference Resource Guide.

Public Broadcasting Service, Washington, D.C.

Pub Date—89

Note—158p. Photographs will not reproduce well. Document contains light type.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (\$6.00).

Pub Type—Collected Works - Proceedings (021) — Guides - General (050)

EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Ability Grouping, Access to Education, At Risk Persons, *Change Strategies, Cooperative Learning, Early Childhood Education, Elementary Secondary Education, *Equal Education, Grouping (Instructional Purposes), Instructional Effectiveness, Labeling (of Persons), Literacy Education, Reading Instruction, Special Education, Teacher Attitudes, Teleconferencing, *Track System (Education)

Preceded by preteleconference activities, this teleconference examines the definitions, history, assumptions, and consequences of tracking as well as barriers to change, restructuring responses to literacy and learning difficulties, effective alternatives to tracking, and specific grouping strategies. The following documents are included: "Keeping Track Part 1: The Policy and Practice of Curriculum Inequality and School Reform" (Jeannie Oakes); "Access to Knowledge: Breaking Down School Barriers to Learning" (Pamela Keating and Jeannie Oakes); "Shattered Hopes" (Richard L. Allington); "Teacher Beliefs Toward Academically at Risk Students in Urban Schools" and "Do Chapter 1 Programs Promote Educational Equity?" (Linda Winfield); "Ability Grouping and Its Alternatives: Must We Track?" and "Using Team Learning" (Robert E. Slavin); and "Research Identifies Effective Programs for Students at Risk of School Failure" (Center for Research on Elementary and Secondary Schools). Post-teleconference activities follow as well as supplementary readings that include: "Revised Chapter 1: Opens Options for Schoolwide Plans" (James H. Lytle); "How Special Should the Special Education Curriculum Be?" (John O'Neill); and "Assuring School Success for Students at Risk" and "Children at Risk: Work of the States" (Council of Chief State School Officers). (CLA)

ED 327 957 EA 022 618

Reed, Patricia Cejda, Brent

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement. North Central Regional Educational Lab., Elmhurst, IL.

hurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—87

Note—33p.; One in a series of reports on Instructional Leadership and School Improvement.

Available from—Publication Sales, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (Order No. ILS-711; \$6.00).

Pub Type—Information Analyses (070) — Reports + Research (143)

EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Educational Cooperation, Educational Improvement, Elementary Secondary Education, Higher Education, *Instructional Leadership, *Organizational Communication, *Organizational Effectiveness, Professional Development, Teacher Education Programs, *Teacher Improvement

Recognizing that successful collaboration among schools, institutes of higher education, and state education agencies to is an important factor in the professional development of education personnel, this document examines existing knowledge of interorganizational collaboration and identifies organizational preconditions conducive to the initiation and continuation of collaborative endeavors. Using information drawn from related literature written between 1970 and 1986, the document describes attributes of effective interorganizational collaboration such as: (1) interdependence, a balanced interchange of valued commodities, a continuously renegotiated pluralistic order, continuous environmental scanning and adaptation, and a multifaceted enabling framework. The organizational preconditions identified that may increase the organizations' capacity to collaborate well include: (1) the existence of internal objectives that foster mutual goal attainment; (2) the conduct of a comprehensive assessment of valued commodities for interchange; (3) the existence of organizational values conducive to managing interdependence; (4) institutionalized processes for conducting environmental scanning and strategic planning; and (5) administrative commitment, knowledge, and support. (45 references) (CLA)

ED 327 958 EA 022 619

Reed, Patricia Cejda, Brent

Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series.

North Central Regional Educational Lab., Elmhurst, IL.

Pub Date—87

Note—24p.; For a related document, see EA 022 618.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (\$6.00).

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Annotated Bibliographies, *Educational Cooperation, Educational Improvement, Elementary Secondary Education, Higher Education, Inservice Teacher Education, *Instructional Leadership, *Organizational Communication, Preservice Teacher Education, Professional Development, *Teacher Improvement

The 45 items included in this annotated bibliography address issues related to both the general attributes of successful interorganizational collaboration and the organizational preconditions that may foster effective collaboration between schools, institutions of higher education, and state education agencies as they interact in the professional development of educational personnel. Published between 1970 and 1986, the documents annotated examine such areas as the functional relationship between universities and public schools, school-university collaboration related to the development of teacher education programs and inservice education programs, the political realities of staff development, and the role of interorganizational collaboration in school improvement. Other documents identify problems that hinder the development of collaborative efforts between schools, institutes of higher education, and state education agencies and the origins of those problems. The annotations stress the numerous principles present in the literature.

ture that are perceived as crucial to successful inter-organizational collaboration and the attributes and preconditions described that set the stage for successful collaborative efforts. (CLA)

ED 327 959 EA 022 620

Thering, Ann. Ed.

Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Summary of the Proceedings of a Seminar. Attracting Excellence: Call for Teacher Incentives Series.

North Central Regional Educational Lab., Elmhurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—87

Note—48p.; For full seminar proceedings, see EA 022 622.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (Order No. CTI-704; \$6.00).

Pub Type—Collected Works - Proceedings (021) — Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Educational Finance, Elementary Secondary Education, *Incentives, Policy Formation, Public Education, Teacher Employment, *Teacher Motivation, Teacher Persistence

Identifiers—*North Central Regional Educational Laboratory

Proceedings of a conference on policy issues pertinent to the design and implementation of teacher incentive plans are highlighted in this report. Seven papers and pursuant responses are presented, which include discussions on the definition and importance of teacher incentives, job redesign and its organizational impacts, constraint and variety perspectives, usefulness of "weak" initiatives, cost of teacher incentive plans, a model of differential incentives, and the teachers' point of view. Key elements of successful incentive programs include reduced professional isolationism, state financial support, local autonomy, teacher involvement, and public support, based on an immediate, comprehensive, flexible, and holistic plan for long-term professional development. (LMI)

ED 327 960 EA 022 621

Bartell, Carol A.

Teacher Incentives: State Level Initiatives in the NCREL Region. Attracting Excellence: Call for Teacher Incentives Series.

North Central Regional Educational Lab., Elmhurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—87

Note—47p.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (Order No. CTI-702; \$6.00).

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Change Strategies, Educational Finance, Elementary Secondary Education, Enrollment Trends, *Incentives, Policy Formation, Public Education, Statewide Planning, Teacher Employment, *Teacher Motivation, Teacher Salaries, Teacher Supply and Demand

Identifiers—*North Central Regional Educational Laboratory

An overview of policy level initiatives for teacher incentive plans in seven north central states—Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, and Wisconsin—is provided in this report. Contents include a discussion of types of incentive plans and factors for planning, implementation, and governance; a summary of state initiatives; and discussion of policy issues, such as legal aspects, teacher salaries and cost considerations, teacher competency testing, and recommendations for policy development. Appendices contain information on regional enrollment and hiring trends, the scope of collective bargaining, teacher salaries and cost considerations, and teacher testing and evaluation. Six tables and 15 figures are included. (5 references) (LMI)

ED 327 961 EA 022 622

Bartell, Carol A. Ed.

Proceedings of a Seminar on Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Attracting Excellence: Call for Teacher Incentives Series.

North Central Regional Educational Lab., Elmhurst, IL.

hurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—87

Note—236p.; For summary of the proceedings, see EA 022 620.

Available from—Publications, North Central Regional Educational Laboratory, 295 Emory Avenue, Elmhurst, IL 60126 (Order No. CTI-703; \$25.00).

Pub Type—Collected Works - Proceedings (021) EDRS Price - MF01/PC10 Plus Postage.

Descriptors—Educational Finance, Elementary Secondary Education, *Incentives, Public Education, Teacher Employment, *Teacher Motivation, Teacher Persistence, Teacher Role, Teacher Welfare

Identifiers—*North Central Regional Educational Laboratory

Proceedings of a conference on policy issues pertinent to the design and implementation of teacher incentive plans are presented in this report. Seven papers and reactions to them are presented, which include discussions on the definition and importance of teacher incentives, job redesign and its organizational impacts, constraint and variety perspectives, usefulness of "weak" initiatives, cost of teacher incentive plans, a model of differential incentives, and the teachers' point of view. Key elements of successful incentive programs are summarized, which include reduced professional isolationism, state financial aid, local autonomy, teacher involvement, and public support, based on immediacy, comprehensiveness, flexibility, and a holistic approach. References accompany each paper. (LMI)

ED 327 962 EA 022 626

Glatthorn, Allan A.

Curriculum Development. Instructional Leadership Series.

National Association of Secondary School Principals, Reston, VA.

Pub Date—90

Note—16p.; Series developed by the Committee of Professors of Secondary School Administration and Supervision (PSSAS).

Available from—Publications, National Association of Secondary School Principals, 1904 Association Drive, Reston, VA 22091 (Code No. 2109003; \$4.00 prepaid).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Administrator Education, Curriculum Design, *Curriculum Development, Curriculum Evaluation, Elementary Secondary Education, Instructional Leadership, Principals, Public Education

Identifiers—National Association Secondary School Principals

Practical strategies for administrative education faculty involved in principal preparation programs are compiled in this guidebook. This unit in an instructional leadership series focuses on curriculum development and implementation, with a secondary focus on curriculum evaluation. Stages of the process include evaluation, planning, development, and implementation. The elements of effective curriculum implementation and problems in implementation are also discussed. Three figures are included. (19 references) (LMI)

ED 327 963 EA 022 627

Donaldson, Gordon A., Jr.

Teacher Selection and Induction. Instructional Leadership Series.

National Association of Secondary School Principals, Reston, VA.

Pub Date—90

Note—26p.; Series developed by the Committee of Professors of Secondary School Administration and Supervision (PSSAS).

Available from—Publications, National Association of Secondary School Principals, 1904 Association Drive, Reston, VA 22091 (Code No. 2109009; \$4.00 prepaid).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Administrator Education, Administrator Role, Elementary Secondary Education, *Instructional Leadership, Principals, Public Education, Teacher Administrator Relationship, *Teacher Orientation, Teacher Recruitment, *Teacher Selection

Identifiers—National Association Secondary School Principals

Strategies for preparing principals to participate in teacher selection and induction are offered in this guidebook for administrator education faculty. Three general areas are discussed: (1) reasons for principal involvement in teacher selection and orientation; (2) development of an effective selection process; and (3) structuring an induction process. Activity suggestions and a principal's teacher induction timeline are included. (30 references) (LMI)

ED 327 964 EA 022 628

Dunn, Kenneth J. Frazier, Edmund R.

Teaching Styles. Instructional Leadership Series. National Association of Secondary School Principals, Reston, VA.

Pub Date—90

Note—20p.; Series developed by the Committee of Professors of Secondary School Administration and Supervision (PSSAS).

Available from—Publications, National Association of Secondary School Principals, 1904 Association Drive, Reston, VA 22091 (Code No. 2109010; \$3.00 prepaid).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Administrator Education, Classroom Techniques, Elementary Secondary Education, Instructional Effectiveness, *Instructional Leadership, Principals, Public Education, School Effectiveness, Teacher Evaluation, *Teaching Methods, *Teaching Styles

Identifiers—National Association Secondary School Principals

Identification of teaching styles congruent with student learning styles to increase academic achievement is examined in this report. A literature review is followed by a discussion of the six elements of teaching style, which include instructional planning, teaching methods, teaching environment, teaching characteristics and classroom management, student evaluation techniques, and educational philosophy. The appendix contains a teaching style inventory based on the six elements to develop complementary student and teacher groupings. (30 references) (LMI)

ED 327 965 EA 022 634

Weston, Susan Perkins

Como escoger una escuela para su hijo (Choosing a School for Your Child). Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Report No.—IS-90-979

Pub Date—Aug 90

Note—43p.; "With Contributions by Joe Nathan and Mary Raywid". For English language version, see ED 302 872.

Language—Spanish

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Decision Making, Elementary Secondary Education, Home Schooling, Magnet Schools, *Nontraditional Education, *Parent Aspiration, *Parent Participation, *Parent School Relationship, Parochial Schools, Politics of Education, Private Education, *School Choice

Step-by-step advice for Spanish-speaking parents on how to choose among available schools for their children is offered in this guidebook. Factors to consider in making the choice are discussed, as well as information on alternatives to the available choices, which include home schooling and working to create new options. After an introductory discussion of why parents should choose their children's schools, an overview is provided on the kinds of schools available: neighborhood public schools, public "schools of choice" (magnet schools), other public schools, and parochial or private schools. The next four sections of the booklet provide advice on each of four steps in choosing a school: (1) thinking about the child in relation to the family and community; (2) collecting information on available schools; (3) visiting a school; and (4) gaining admission for a child into a selected private or public school. The two final sections address the questions of when to consider changing schools again and what to do if no good schools can be found. In the latter case, options include home schooling, early college for teenagers, and working to change the system. Appended is a checklist for investigating and evaluating schools, along with a set of references and additional sources of information. (20 references) (LMI)

ED 327 966

EA 022 638

Kirtz, Norton J.

Program Planning & Proposal Writing, Expanded Version. Grantsmanship Center Reprint Series. Grantsmanship Center, Los Angeles, CA.

Pub Date—80

Note—47p.

Available from—Publications, The Grantsmanship Center, P.O. Box 6210, Los Angeles, CA 90014 (\$4.00 plus \$2.00 shipping; quantity discounts).

Pub Type—Guides - Non-Classroom (055) - Tests/Questionnaires (160)

Document Not Available from EDRS.

Descriptors—Check Lists, Evaluation Methods, Financial Support, *Fund Raising, *Grants, *Grantsmanship, Needs Assessment, *Program Budgeting, *Program Development, *Program Proposals, *Proposal Writing, Research Proposals. Designed to assist both grantmaking agencies and applicants for funding, this proposal format describes and provides examples of the components of program planning and proposal writing. Each of the components is followed by a checklist. The first component clearly and concisely summarizes the request. The proposal introduction describes the agency's qualifications or "credibility." The problem statement or needs assessment documents the needs to be met or problems to be solved by the proposed funding. The objectives component establishes the "outcomes" of the activities in measurable terms. "Methods" describes the activities to be employed to achieve the desired results. "Evaluation" presents a plan for determining the degree to which objectives are met and methods are followed. The component headed Future or Other Necessary Funding describes a plan for continuation beyond the grant period and/or the availability of other resources necessary to implement the grant. Finally, the budget clearly delineates costs to be met by the funding source and those to be provided by the applicant or other parties. (MLF)

ED 327 967

EA 022 640

McDonald, Geraldine. And Others

More Teachers, Fewer Pupils: A Study of the 1:20 Teacher-Pupil Ratio Policy in the Junior School. New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-80-4

Pub Date—89

Note—107p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Class Organization, *Class Size, Educational Policy, Elementary Education, Foreign Countries, Grade Repetition, Program Evaluation, Reading Programs, Staff Utilization, Student Promotion, Teacher Effectiveness, *Teacher Student Ratio, Teacher Student Relationship.

Identifiers—*New Zealand, New Zealand Reading Recovery Program

Using information gathered through a study funded by the New Zealand Minister of Education, this document examines the history and implementation of the New Zealand government's 1:20 teacher-pupil ratio policy first set in motion in 1985, pupil progress associated with the policy, and related literature about class size. The following papers, each accompanied by a list of references, are included: "Fleshing Out the Bones: The Origins and Development of the 1:20 Teacher-Pupil Ratio Policy in the Junior School" (Cathy Wylie); "Evaluation of the Implementation of the 1:20 Teacher-Pupil Ratio Policy in the Junior School" (Margery Renwick, June Vize, Lynne Smith); "Pupil Progress, Reading Recovery and the 1:20 Teacher-Pupil Ratio Policy in the Junior School" (Geraldine McDonald); "Class Size: A Review of the Literature on Class Size Relating to the Early Years of Schooling" (Valerie N. Podmore). Ten tables are included. (CLA)

ED 327 968

EA 022 641

Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.

Congress of the U.S., Washington, D.C. Senate Committee on Environment and Public Works. Report No.—Senate-R-101-551

Pub Date—Oct 90

Note—15p.; Calendar No. 1015. Some small print may not reproduce well.

Pub Type—Legal/Legislative/Regulatory Materi-

als (090) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Categorical Aid, Elementary Secondary Education, *Federal Legislation, Government School Relationship, Hazardous Materials, *Legal Responsibility, *School Safety

Identifiers—Lung Diseases, *Radon

This report was written to accompany the Radon Testing for Safe Schools Act (S.1697), a bill that provides for radon testing of schools located in high risk radon areas and provides limited financial assistance to schools for mitigation of high levels of radon. A description of radon, its harmful effects, and the radon levels detected in schools and homes through surveys by the Environmental Protection Agency is followed by an overview of the bill's origin, evolution, and key elements such as testing guidelines, schedules, and standards; grants for mitigation; and penalties. Information on hearings, roll-call votes, the regulatory impact of the bill, and the cost of legislation are given, and a congressional budget office cost estimate is provided. Last, changes in the existing law caused by the bill are detailed. These include definitions, activities eligible for grant assistance, assistance to local governments, authorization for grant assistance, guidelines for testing for and remediating radon, and requirements for radon testing. Radon survey results and radon screening measurements are delineated in three appendices. A fourth appendix presents S.1697 in full as reported.

ED 327 969

EA 022 642

Results in Education: 1990. The Governors' 1991 Report on Education.

National Governors' Association, Washington, D.C.

Spons Agency—Carnegie Corp. of New York, N.Y. Report No.—ISBN-1-55877-080-1

Pub Date—90

Note—101p.

Available from—Publications Office, National Governors' Association, 444 North Capitol Street, Washington, DC 20001-1572 (\$12.50 prepaid; quantity discounts).

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—At Risk Persons, Early Childhood Education, *Educational Assessment, Educational Change, Educational Facilities, *Educational Improvement, Educational Legislation, Elementary Secondary Education, *Excellence in Education, *Government School Relationship, Higher Education, Leadership, Parent Participation, *State Programs, Statewide Planning, Teaching (Occupation), Technology. Designed to help governors assess state and national progress in education, this fourth and final report of a series summarizes what has transpired since 1986 in the following areas of education reform through the recommendations of the seven task forces that were addressed in "Time for Results: The Governors' 1991 Report on Education": (1) school leadership; (2) teaching; (3) parent involvement and choice; (4) readiness; (5) technology; (6) school facilities; and (7) college quality. Each section outlines what states have learned in the reform process, recommendations to ensure continued progress, and specific state actions. Areas examined include the preparation, professional development, evaluation, and licensure of school leaders; the definition of teacher standards and the restructuring of teacher education, careers, compensation, work environments, and incentives; the development of climates, programs, and teacher training to increase parental involvement; and the development of legislation to increase parent choice among public schools. Also examined are recent and recommended improvements in the identification of at-risk students and the development of programs for such students, increased district access, research and development, teacher training, technology in education, the maintenance and use of school facilities, and the quality and funding of higher education institutions. (CLA)

ED 327 970

EA 022 643

Howley, Aimee A. And Others

Anti-Intellectualism in U.S. Schools.

Pub Date—16 Dec 90

Note—50p.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Educational Objectives, Educational

Principles, Elementary Secondary Education, *Institutional Mission, *Intellectual Development, Intellectual Experience, Politics of Education, Power Structure, Role of Education

The assertion that American schools serve the political structure by ignoring the core part of their mission, the nurture of intellect, forms the basis of this critique. An analysis of the educational mission, the effect of teacher characteristics on student outcomes, and academically gifted student programs leads to the conclusion that education is an anti-intellectual institution that channels intellect away from challenging vested power interests in the political economy. Alternative views of the schools' mission based on ethical, political, and aesthetic premises are discussed. The call is made for developing curricula based on students' environment and stage of intellectual development to bridge the gap between the immediate world and universal human experience. A second conclusion is that the intellectual content and substance of a curriculum are as important as the intellectual process. (76 references) (LMI)

ED 327 971

EA 022 645

Ellsberry, James. And Others

The Indiana Principal Leadership Academy: A Model for Professional Development.

Pub Date—Nov 90

Note—10p.; Paper presented at the Annual Meeting of the National Council of States on Inservice Education (Orlando, FL, November 16-20, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Administrative Principles, Educational Improvement, *Educational Innovation, Elementary Secondary Education, Instructional Development, *Instructional Leadership, *Management Development, *Principals, Professional Continuing Education, *Professional Development

Identifiers—*Indiana Principal Leadership Academy

In response to the need for professional growth opportunities for principals, the Indiana Principal Leadership Academy (IPLA) was founded in 1985. The IPLA was created to be a national training model for principals, as leaders of instructors, empowered with effective behaviors and practices. The academy's focus is on four proficiencies: (1) leadership; (2) communication; (3) culture; and (4) school programs. Four days of instruction are devoted to each proficiency over a 2-year period. During the leadership phase, self-awareness, learning styles, and values are emphasized. Oral, written, and non-verbal communication are second-phase components. The culture phase compares and contrasts school culture and climate, exploring how each can be positively influenced. School programs for reform are the focus of the fourth phase, as school improvements can only take place after assessment of needs, resources, and priorities. The IPLA's instructional model is based upon the "effective inservice model's" six components: (1) rationale; (2) delivery; (3) humor; (4) human development; (5) evaluation; and (6) celebration. Principals are asked to evaluate the program at the end of each session and when they graduate from the academy. (EJS)

ED 327 972

EA 022 646

Packard, Richard D.

Building In Accountability Mechanisms for Democracies & Bureaucracies: From Governmental & Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry Moe and Dr. John Chubb.

Pub Date—Oct 90

Note—7p.; Paper presented at the Arizona Republic Education Forum (Phoenix, AZ, October 23, 1990).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Accountability, Elementary Secondary Education, Formative Evaluation, Organizational Development, *Policy Formation, Program Development, *Program Effectiveness, Program Improvement

To assure accountability to educational policy developed by elected and appointed leaders, agencies and organizations must adopt high quality evaluation designs tailored to meet three basic tenets: (1)

different processes for policy formation and demonstration of accountability; (2) clear accountability expectations built into policies; (3) responsibility for accountability focused at level of application. There is a need to swing from a political to a knowledge base in decisions to carry out policy directives. School operations are often based on tenacity, authority, or intuition instead of information. Accomplishments must be based on astuteness rather than opinion backed by power. Success in demonstrating accountability requires reliable and valid knowledge and technology. Two figures are included. (EJS)

ED 327 973 EA 022 647

Baron, Mark A.

A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals.

Pub Date—Dec 90

Note—11p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Administrator Qualifications, *Administrator Selection, Elementary Secondary Education, *Faculty Recruitment, Personnel Management, *Principals, *Superintendents

Current research suggests principal effectiveness is key to a successful instructional program. However, there is considerable lack of uniformity among superintendents regarding principal recruitment and selection. Of the 80 surveys mailed to a random sample of the nation's superintendents, 35 usable surveys rating the importance of 42 recruitment and selection procedures were completed and returned. Development of an accurate job description and professional references ranked the highest in their respective categories. A total of 6 factors were extracted from 22 selection tools. Three factors related to how well the candidate fits into the school system and community, two pertained to advanced academic training, and the last related to the candidate's personal background. An extensive description of methodology and tables of results are included. (EJS)

ED 327 974 EA 022 648

Husen, Peter M.

An Innovative Principal Preparation Program: A Structural Approach.

Pub Date—Aug 90

Note—24p.; Paper presented at the Annual Meeting of the National Council of Professors of Educational Administration (Los Angeles, CA; August 12-17, 1990).

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Administrator Education, Administrator Qualifications, Elementary Secondary Education, Higher Education, *Leadership Training, *Management Development, *Principals

Identifiers—University of Tennessee Knoxville

An innovative principal preparation program was created at the University of Tennessee-Knoxville. The program was built around 19 parameters and based upon three theoretical domains in administration: organization (defines managerial role), human dimension (defines human relations role), and individual relationship with other two dimensions (defines leadership role). Five streams make up the program structure: (1) an internship with a mentor principal; (2) assessment, development, and reflective practices; (3) knowledge and skill base; (4) supported induction during the first year as an administrator; and (5) maintenance. Two appendices contain tables, illustrations, and outlines of the program. (EJS)

ED 327 975 EA 022 649

Choosing Better Schools: The Five Regional Meetings on Choice in Education.

Department of Education, Washington, DC.

Pub Date—Dec 90

Note—25p.

Pub Type—Collected Works - Proceedings (021) — Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Vouchers, Elementary Secondary Education, Free Choice Transfer Programs, Magnet Schools, Parent Participation, *School Choice, *School Restructuring, Tax Credits, Tuition, Voluntary Desegregation

A short synopsis of five regional meetings on school choice and follow-up activities is offered in this report. The meetings were held in fall 1989 in East Harlem, New York; Minneapolis/St. Paul,

Minnesota; Charlotte, North Carolina; Denver, Colorado; and Richmond, California. Three sections of the report provide a review of choice activities that have occurred since the meetings, a description of types of school choice, and a discussion of school choice and restructuring. A fourth section examines issues relevant to school choice, such as increasing the scope of choice, maintaining a racial balance, and providing equal access to transportation and information. The final section describes Department of Education school choice projects. (LMI)

ED 327 976 EA 022 654

Good Practices: A Selection. Tasmanian Government Schools and Secondary Colleges 1984-87.

Tasmanian Education Dept., Hobart (Australia).

Report No.—ISBN-0-7246-1383-8

Pub Date—88

Note—51p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—College School Cooperation, Curriculum Development, Elementary Secondary Education, Equal Education, Foreign Countries, Postsecondary Education, Program Descriptions, Program Implementation, School Community Relationship, *School Involvement, *School Organization, *School Restructuring, Student School Relationship

Identifiers—Australia (Tasmania), *Commonwealth Schools Commission (Australia)

In 1983 the Australian Commonwealth Government announced its new Participation and Equity Program (PEP). To allow schools to focus on new directions, substantial amounts of money were allocated to the states through the PEP so that they could develop programs that focus on nine major areas: (1) curriculum; (2) assessment, accreditation, and credentialing; (3) teacher/student/parent interaction; (4) teacher renewal and support; (5) school structure and organization; (6) post-link schools; (7) groups with special needs; (8) public support for education; and (9) education and the arts. This document describes some of the major concerns of PEP, examples of how individual schools have met these concerns, and 10 different programs implemented in individual Tasmanian schools. (EJS)

ED 327 977 EA 022 657

Washington, Wenifort

Beyond Computer Planning: Managing Educational Computer Innovations.

Pub Date—Oct 90

Note—29p.; Paper presented at the Annual Meeting of the Mid-Western Educational Research Association (Chicago, IL, October 17-20, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Computer Assisted Instruction, *Computer Oriented Programs, *Computer Software Evaluation, Computer Uses in Education, *Educational Technology, Elementary Secondary Education, Instructional Development, Instructional Improvement, Public Education, Technological Literacy

Identifiers—Ohio

The vast underutilization of technology in educational environments suggests the need for more research to develop models to successfully adopt and diffuse computer systems in schools. Of 980 surveys mailed to various Ohio public schools, 529 were completed and returned to help determine current attitudes and perceptions of teachers and administrators toward technology practices in planning (adoption), implementation (diffusion), and evaluation (outcome). The surveys rated the importance of computer orientation, research, communications, community involvement, support, training, followup training, evaluations, outcome, and use. Results illustrate the importance of utilizing technology to improve instruction and administrative productivity, but suggest the fate of technology in schools will depend on its efficiency and effectiveness as perceived by teachers and administrators. Detailed descriptions of methodology, results, and summaries of models commonly applied to educational change are included. (EJS)

ED 327 978 EA 022 659

O'Rourke, Carolyn L. Papalewis, Rosemary

Women and Their Stories: Nine Case Studies in Educational Administration.

Pub Date—Nov 89

Note—30p.; Paper presented at the Annual Meeting of the California Educational Research Association (Burlingame, CA, November 16-17, 1989).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Administrator Attitudes, *Administrator Characteristics, Administrator Effectiveness, *Educational Administration, Elementary Secondary Education, *Leadership Styles, Personal Narratives, Postsecondary Education, Rural Education, School Effectiveness, Sex Bias, Sex Role, Sex Stereotypes, *Women Administrators, *Women Faculty

Following a thorough review of current studies and literature on women in leadership, this document examines the results of a study conducted to determine the significance of female gender in educational leadership, and how attitudes, values, perceptions, and life experiences of women differ from those of men and are reflected in female leadership approaches and actions. Nine white female administrators at the rural district or school site level, located in the San Joaquin Valley in California, were interviewed using 10 open-ended questions derived from literature on women in leadership. The examination of the results of the study and the numerous direct quotes from the interviewees provided in this document serve to shed light on female administrators' thoughts, feelings, and perceptions regarding: (1) qualities of women in educational leadership; (2) difficulties experienced; (3) differences in the ways that they perceived women and men work; (4) issues surrounding authority; (5) leadership in instructional improvement, evaluation, student and community relations, and decision making; and (6) life experiences. The study's implications for research on women in administration and for current women administrators are also mentioned. (30 references) (CLA)

ED 327 979 EA 022 662

Beckham, Joseph C.

School Officials and the Courts: Update 1990. ERS

Monograph.

Educational Research Service, Arlington, Va.

Pub Date—90

Note—54p.; For 1989 update, see ED 316 922.

Available from—Publications, Educational Research Service, 2000 Clarendon Blvd., Arlington, VA 22201 (\$24.00 prepaid).

Pub Type—Guides - Non-Classroom (055) — Legal/Legislative/Regulatory Materials (090)

Document Not Available from EDRS.

Descriptors—Administrator Responsibility, Administrators, Boards of Education, Collective Bargaining, *Court Litigation, Educational Finance, Educational Legislation, Elementary Secondary Education, Employer Employee Relationship, Freedom of Speech, *Legal Responsibility, *Public Schools, Religion, *School Administration, *School Law, School Personnel, Student Rights, Torts

This is the 12th in a series of monographs designed to summarize judicial decisions on elementary and secondary education issues. The cases included in this edition were selected from judicial decisions found in federal and regional reports in the period from June 30, 1989, to June 30, 1990. The cases were selected on the basis of their relevance to contemporary problems in public school settings, their definitiveness as articulations of existing law, and their reliability as consistent guides to educational policy making and practice. The case summaries are organized according to the following general topics: (1) school boards and board members; (2) administrators; (3) finance; (4) collective bargaining and contract management; (5) teachers and other district employees; (6) pupils; (7) religion; and (8) torts and related statutory liability. Reference notes are included, along with a glossary of selected legal terms. (MLF)

ED 327 980 EA 022 663

Gough, Deborah

Thinking about Thinking.

National Association of Elementary School Principals, Alexandria, VA.

Pub Date—91

Note—6p.

Journal Cit—Research Roundup; v7 n2 Win 1991

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Creative Thinking, *Critical Thinking, Educational Strategies, Elementary Second-

ary Education, Instructional Improvement, Problem Solving, Program Descriptions, Teaching Methods, Teaching Models, Thinking Skills. This document summarizes five studies that offer insight into the nature of higher-order thinking skills and the most effective methods for teaching them to students. The reviews outline the conclusions, definitions, recommendations, specific methods of teaching, instructional strategies, and programs detailed in the documents themselves. Strategies mentioned include the Concept Attainment Model, the Inductive Thinking Model, the Group Investigation Model, a continuum of teaching styles, classroom climate, listening, wait-time, active learning, recognition, a contingency strategy, and a permeation strategy. The documents reviewed include: "Understanding Thinking Skills" (Bijaya K. Shrestha); "Teaching Critical Thinking Skills in the Psychomotor Domain" (Ron E. McBride, Carl C. Gabbard, Glenn Miller); "Critical and Creative Thinking in the Classroom" (Jerry L. Thacker); "Integrating Thinking Skills into the Curriculum" (Barry K. Beyer, and Judith Dorsch Backes); and "How to Keep Thinking Skills from Going the Way of All Frills" (Carl Bereiter). The unifying theme in these reports is a belief that thinking skills should not be taught in isolation, but rather integrated across the curriculum. (CLA)

ED 327 981 EA 022 669

Veir, Carole
A Tale of Two Appraisal Systems: Texas and North Carolina.

Pub Date—[90]

Note—18p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary Secondary Education, Evaluation Criteria, Evaluation Methods, Performance Factors, Personnel Evaluation, Public Education, School Effectiveness, Teacher Effectiveness, Teacher Evaluation, Teacher Improvement

Identifiers—North Carolina, Texas

Texas and North Carolina have exhibited strong levels of commitment to define and achieve standards of competent performance in the teaching profession. To make up for a prior lack of definition of what constitutes teacher effectiveness, both states have developed similar systems of teacher appraisal. In North Carolina, the Teacher Performance Appraisal System (TPAS) includes 38 teaching practices grouped in eight functions. Teacher competence is measured at the level of the function, not its practice. The basic tenet of TPAS is that practices may be manifested in different ways and many behaviors may demonstrate a single practice. The Texas Teacher Appraisal System (TTAS) is divided into five domains, 13 criteria, and 65 indicators. Both programs require direct observation of teachers for data collection and both provide for the training of appraisers and orientation of teachers. Two figures outlining the evaluation criteria of each program are included. (EJS)

ED 327 982 EA 022 673

Harris, Howard Juravich, Tom
A Guide to Public School Cooperation Committees in Pennsylvania.

Pennsylvania State Dept. of Labor and Industry, Harrisburg.
Pub Date—90

Note—68p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Attitude Change, Change Strategies, Cooperative Planning, Elementary Secondary Education, Organizational Communication, Organizational Objectives, Public Schools, Teacher Administrator Relationship, Teamwork

Identifiers—Pennsylvania

Teachers, superintendents, principals, and school board members in a number of Pennsylvania districts have come up with positive solutions to deal with challenges facing public schools. Although the problems they were faced with differed, educators found that by working together for a common goal in school cooperation committees, they could arrive at some innovative and exciting answers. School cooperation committees develop ways to overcome potential roadblocks. Once teachers and administrators begin talking in a positive way, labor-management relations improve, making the resolution of more controversial issues easier. The first five sections of the guide give details on the nature and origins of the school cooperative committee and

provide information on how to start such a committee, how public-sector collective bargaining affects school labor-management cooperation, and how to know if a labor management committee will work in a specific district. The last two sections provide, respectively, six case studies of individual Pennsylvania districts and a list of resources for more information on each case. (EJS)

ED 327 983 EA 022 676

Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline. Arizona State Dept. of Education, Phoenix.

Pub Date—Jun 90

Note—43p.

Pub Type—Reports - Research (143) — Tests/

Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Behavior Problems, Classroom Techniques, Corporal Punishment, Discipline Policy, Discipline Problems, Elementary Secondary Education, Expulsion, Public Schools, Punishment, Sanctions, State Norms, Suspension

Identifiers—Arizona

The current status of discipline in Arizona public schools is assessed and alternative forms of discipline are reviewed in this report on classroom discipline. Methodology involved a literature review, an informal survey of 330 Arizona schools, and an attitudinal survey of 300 educators and non-educators. Overall findings indicate that most schools used ascriptive discipline programs and in-school detention and that almost half (45 percent) utilized their own programs. General agreement existed between educators and non-educators on the causes of discipline problems; however, 79 percent of the non-educators as opposed to 4 percent of the educators perceived drug abuse as the most severe problem. No consensus on solutions was found. Differences also existed between secondary and elementary educators on causes of and solutions to discipline problems. Recommendations are offered in the areas of discipline policy guidelines, teacher training, parental responsibilities, alternatives to suspension and expulsion, and responses to serious problems, such as gang activity. The section section, prepared by Therese L. Martin, Attorney at Law, summarizes and discusses several legal briefs on due process rights and procedures as they relate to students. Appendices include the surveys on existing discipline programs in Arizona schools, and on the attitudes of Arizona educators and non-educators. A 101-item bibliography is included. (LMI)

ED 327 984 EA 022 688

Martin, James A. McGee, Mildred L.
Quality Circle/Site-Based Management Implementation in Public School Districts.

Pub Date—90

Note—13p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Administrative Change, Administrative Organization, Change Strategies, Elementary Secondary Education, Management Development, Management Systems, Management Teams, Participative Decision Making, Public Schools, Quality Circles, School Based Management, School Districts, Teacher Administrator Relationship

Quality Circle/Site-Based Management (QCSBM) concepts were introduced into educational administrative structures during the early 1980s. The scarcity of comprehensive research that focuses on QCSBM implementation in public school districts was the catalyst for this exploratory study. Fifty-five of 100 administrators and consultants in 24 states responded to research questions designed to identify districts that had implemented QCSBM programs, to determine the impetus for implementation, and to solicit the respondents' perceptions of the results. Responses were given to the following questions: (1) What was the district's management structure prior to QCSBM? (2) What caused the district to move into QCSBM? (3) Which administrative faculty processes were utilized in QCSBM experiences? (4) What major variables are necessary for implementation? and (5) What are the advantages of QCSBM? A detailed account of results is provided. In general, those surveyed strongly identified with the philosophy that participative management and problem solving are critical to the people building skills of the education process as a whole. (EJS)

ED 327 985 EA 022 900

America 2000: An Education Strategy. Sourcebook.

Department of Education, Washington, DC.

Report No.—ED/OS91-13

Pub Date—May 91

Note—82p.; This Sourcebook incorporates and supplements the earlier basic report, "America 2000: An Education Strategy" (see ED 327 009). For further information on "America 2000," call 1-800-872-5327 (1-800-USE-LEARN); in the

D.C. Metropolitan Area, call (202) 401-2000.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Educational Improvement, Educational Innovation, Educational Objectives, Educational Strategies, Elementary Secondary Education, Excellence in Education, Federal State Relationship, Higher Education, National Competency Tests, National Programs, School Restructuring

Identifiers—America 2000, National Education Goals

"America 2000" is a long-term national strategy (not a federal program) designed to accomplish in nine years (by the year 2000) the six national education goals articulated by the President and the state governors at the 1989 "Education Summit" in Charlottesville, Virginia. This national education strategy was presented by the President in a ceremony at the White House on April 18, 1991, and a booklet describing the basic features of the strategy was published at that time (see ED 327 009 for document and an abstract summarizing the strategy). This "Sourcebook" is, in its own words, "a collection of documents that together offer a comprehensive description of America 2000." It contains: (1) remarks by the President at the presentation of the national education strategy (April 18, 1991); (2) the full contents of the original booklet articulating the details of the four parts of the strategy, including a glossary of key terms and "some questions and answers"; (3) the White House fact sheet or press release summarizing the strategy; (4) the six national education goals to be attained by the strategy; and (5) the joint statement by the President and state governors made September 27-28, 1989 at the "Education Summit." (WTB)

EC

ED 327 986 EC 230 060

Kulkarni, Madhuri And Others

A Study of 571 Children with Developmental

Disorders in a Slum-Population of Bombay.

Pub Date—Aug 89

Note—7p.; Paper presented at the International Conference on Early Education and Development (Hong Kong, July 31-August 4, 1989). Document is printed on colored paper with light type.

Best copy available.

Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Clinical Diagnosis, Developing Nations, Developmental Disabilities, Early Intervention, Educational Diagnosis, Elementary Education, Foreign Countries, Handicap Identification, Intervention, Preschool Education, Psychological Evaluation, Slum Environment

Identifiers—Early Identification, India (Bombay)
This paper summarizes a study of 571 children with developmental disabilities between 6 weeks and 12 years of age living in the largest slum in Asia, the Dharavi neighborhood of Bombay, India. Each child was administered developmental and psychological tests, diagnosed, and treated by a special early intervention clinic. Most had not had their disabilities detected before the age of 6 months. Greater developmental screening efforts are called for. (PB)

ED 327 987 EC 230 066

Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).

Council for Exceptional Children, Reston, Va.; ERIC Clearinghouse on Handicapped and Gifted Children, Reston, Va.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC. Div. of Innovation and Development.

Pub Date—Jul 89

Note—156p.

Pub Type—Collected Works - Proceedings (021) — Reports - Descriptive (141)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Aptitude Treatment Interaction, *Behavior Problems, *Disabilities, *Exceptional Child Research, *Individual Differences, Instructional Effectiveness, Intervention, Naturalistic Observation, Prevention, *Qualitative Research, Research Design, *Research Methodology, Special Education, Trend Analysis

The proceedings of a July 1989 conference of directors of research grants and research-based contracts funded by the Division of Innovation and Development of the Office of Special Education Programs are presented. The meeting featured a combination of general sessions, small-group discussions on research issues and content areas, and a panel discussion on individual differences in special education. In a speech titled "Prevention, Intervention, and Understanding of Conduct Problems of Children and Adolescents," John Reid reviews trends in 20 years of research into antisocial child behavior at the Oregon Social Learning Center in Eugene. In "Understanding and Selecting Designs for Research in Naturally-Occurring Situations," Evelyn Jacob provides a rationale for focusing on the goals and assumptions of research designs, explores assumptions and goals of alternative research designs, and offers guidelines for choosing among alternatives. Lynn Fuchs, in an introduction to a panel discussion, examines "The Importance of Individual Differences to Special Education Effectiveness." Other panel presentations include: "Individual Differences and the Form and Function of Instruction" (Alan Hofmeister); "Aptitude-Treatment Interactions: Bad Rap or Bad Idea?" (Deborah Speece); and "Individual Differences and the Individual Difference: The Essential Difference of Special Education" (Stanley Deno). Also included is the conference agenda. About 165 references are cited. (DB)

ED 327 988 EC 230 067

Cost Efficiency of Early Education. Abstract 25:

Research and Resources on Special Education, ERIC Clearinghouse on Handicapped and Gifted Children, Reston, Va.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC. Div. of Innovation and Development.

Pub Date—Nov 89

Contract—R188062007

Note—3p. For the final report on which this extended abstract is based, see ED 293 492.

Available from—Council for Exceptional Children, Publication Sales, 1920 Association Drive, Reston, VA 22091-1589 (\$1.00 each, minimum order of \$5.00 prepaid).

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Cost Effectiveness, *Delivery Systems, *Disabilities, *Early Intervention, Home Programs, Infants, Intervention, Language Handicaps, Paraprofessional Personnel, Preschool Education, Program Effectiveness, Program Evaluation, Research Methodology, Speech Handicaps

Cost-benefit studies of the Early Intervention Research Institute at Utah State University are summarized. No differences were found in educational effectiveness between half- and full-day programs, with the costs of half-day programs being about 75-85% of full-day programs. No significant differences were found between groups served by professionals or paraprofessionals on posttests of Intelligence Quotient, fine motor skills, gross motor skills, receptive language, and expressive language, with mean costs per child slightly less for the paraprofessional treatment group. Comparison of parent- and clinic-delivered intervention for speech and language problems found a greater mean change in language scores and greater economic efficiency for the parent-delivered intervention. Evaluation of the Abecedarian Program indicated that it is a sound economic investment with benefits including child care, reduced cost of special education and/or grade retention, earnings increase, and welfare and crime cost reduction. Recommendations concerning the design of economic studies of early intervention include additional studies of children's age at start of intervention, use of sound methods such as quasi-experimental and experimental designs, use of statistical procedures that increase the interpretability of quasi-experimental designs, use of large sample sizes, and more collection of longitudinal data. (DB)

R1E JUN 1991

ED 327 989

Harnett County Schools Academically Gifted Curriculum K-8.

Harnett County School District, Lillington, NC.

Pub Date—[89]

Note—33p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academically Gifted, *Curriculum, Elementary Education, *Enrichment Activities, Field Trips, Junior High Schools, Language Arts, *Learning Activities, Mathematics Instruction, Microcomputers, Science Instruction, Social Studies

Identifiers—Harnett County School District NC

The Harnett County (North Carolina) curriculum for academically gifted students in grades K-8 is presented. The program uses a consulting model to extend and enrich the academic curriculum according to students' individual needs. The curriculum guide is designed to be flexible while providing for a standard course of study throughout the school system, and aims to enhance and enrich but not replace the North Carolina Competency Based Curriculum. The curriculum covers language arts (reading, spelling, creative writing, grammar, and research skills), mathematics, field trips, computer skills, and science and social studies. Each content area is divided into learning activities for students in grades K-3 and 4-8. Suggested resources are listed throughout the curriculum guide. In addition, a list of 15 recommended readings for parents, teachers, and counselors is included, along with a list of 11 readings recommended for gifted students. The guide concludes with a chronological historical overview in chart form of gifted education in Harnett County. This oversize chart has been reduced to 8.5x11 size. (JDD)

ED 327 990

Gaylord-Ross, Robert, Ed. And Others

Readings in Ecosocial Development.

San Francisco State Univ., Calif.

Pub Date—Apr 90

Note—1,163p. Best copy available.

Pub Type—Collected Works - General (020)

EDRS Price - MF09 Plus Postage. PC Not Available from EDRS.

Descriptors—*Disabilities, *Ecological Factors, Elementary Secondary Education, Evaluation Methods, Interpersonal Competence, *Intervention, Quality of Life, Research Methodology, *Social Influences, *Student Evaluation, Supported Employment, Teaching Methods, Transitional Programs, Vocational Education

Identifiers—Ecological Assessment, *Social Ecology

Forty-one readings are presented on the social ecology variables and interventions that characterize the life of persons with disabilities. The readings are grouped into six categories dealing respectively with background, assessment of student-centered variables, interventions relating to student-centered variables, program-centered variables, system-centered variables, and research methodology. Selected papers include: "An Ecosocial View of School and Work: Social Skills, Social Support, and Quality of Life" (Robert Gaylord-Ross and others); "Functional Assessment: Dynamic and Domain Properties" (Gaylord-Ross and Diane Browder); "Contextually Based Social Skill Training for Learning Disabled Youth" (Gaylord-Ross and others); "Vocational and Transition Issues for Seriously Emotionally Disturbed Adolescents and Young Adults" (Michael Bullis and Gaylord-Ross); "Social Skills Training with Handicapped Adults: A Reformulation of a Construct" (Tom Gumpel); "The Community Vocational Training Program: A Transition Program for Youths with Mild Handicaps" (Shepherd Siegel and others); "Research Breakthrough Reduces Turnover among Entry-Level Employees" (Siegel and John Sullivan); "The Supported Employment Consortium: An Analysis of an Interagency Advisory Group" (Renee Cameto); and "Visual Inspection and Statistical Analysis in Single Case Designs" (Hyun-Sook Park and others). A 20-item bibliography is included in addition to the references accompanying each reading. (JDD)

ED 327 991

Developmental Disabilities Three-Year State

Plan: October 1, 1986-September 30, 1989. State

of Minnesota.

Minnesota Governor's Planning Council on Devel-

EC 230 092

opmental Disabilities, St. Paul; Minnesota State Planning Agency, St. Paul.

Pub Date—89

Note—63p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Delivery Systems, *Developmental Disabilities, Elementary Secondary Education, Federal State Relationship, Financial Support, *Human Services, Incidence, *Objectives, *Planning Commissions, Postsecondary Education, Public Policy, State Agencies, *State Aid, State Federal Aid, State Programs, *Statewide Planning Identifiers—*Minnesota

This booklet presents the 3-year plan for Minnesota's management of developmental disabilities services and related issues for the period between October 1986 and September 1989. Section 1 presents definitions of developmental disabilities; estimates of general incidence; and effects on individuals, families, and communities. Section 2 describes the Governor's Planning Council on Developmental Disabilities and its members. Section 3 describes staff members providing assistance to the Council. Section 4 examines the state context of service issues, including the scope of services currently available, the Council's major concerns for the 3-year period, and the selection and administration of priority service areas. Section 5 outlines goals, objectives, and funding as well as application procedures for subgrantees under the Developmental Disabilities Basic State Grant Program. Section 6 presents pertinent assurances; and section 7 contains a summary of testimony from public hearings, bibliographic information on Council publications, a list of policy analysis papers relating to the Welsh consent decree, and a list of studies and reports relating to state schools for blind and/or deaf students. (21 references) (PB)

ED 327 992

Policy Analysis Series. Issues Related to the

Welsh Consent Decree. Volumes I and II.

Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Minnesota State

Planning Agency, St. Paul.

Pub Date—82

Note—514p. Volumes I and II were combined for this ERIC document. Papers in Volume I are listed as No. 1-11; Volume II contains No. 12-21.

Pub Type—Reports - Descriptive (141) — Numerical/Quantitative Data (110)

EDRS Price - MF02/PC21 Plus Postage.

Descriptors—Adults, Agency Cooperation, Behavior Problems, Community Programs, Cost Effectiveness, Court Litigation, *Deinstitutionalization (of Disabled), *Employment Programs, Group Homes, Institutionalized Persons, Legal Responsibility, *Mental Retardation, Policy Formation, Program Administration, Program Evaluation, Residential Care, *Residential Institutions, Residential Programs

Identifiers—*Intermediate Care Facilities, *Minnesota, Property Values, Welsh versus Noot

This two-volume compilation of 21 papers discusses issues stemming from the Welsh versus Linkins suit (1974). The suit led to the 1980 Welsh-Noot consent decree requiring the State of Minnesota to reduce the overall population of mentally retarded persons residing in state institutions by nearly one-third over 6 years. The 11 papers in Volume I are: "Taxonomy of Issues Surrounding Implementation of the Welsh versus Noot Decree"; "The Size of Community Residential Facilities: Current Guidelines and Implications for Planning"; "Interagency Cooperation: The Underlying Concepts of Trust, Incentives, Barriers, and Forms of Linkage"; "Cost Function Analysis of Minnesota Intermediate Care Facilities for Mentally Retarded (ICF-MR) Per Diems"; "Admissions/Readmissions to State Hospitals, September 1, 1980 to May 31, 1981: The Behavior Problem Issue"; "The Financial Status of Minnesota Developmental Achievement Centers: 1980-1982"; "The Program Status of Minnesota Developmental Achievement Centers: 1980-1982"; "The Client Status of Minnesota Developmental Achievement Centers: 1980-1982"; "Summary of Issues, Programs and Clients in Minnesota Developmental Achievement Centers: 1980-1982"; "Admissions/Readmissions to State Hospitals, June 1, 1981 to December 31, 1981: The Behavior Problem Issue"; "An Analysis of Minnesota Property Values of Community Intermediate Care Facilities for Mentally Retarded (ICF-MRs)." The 10 papers in Volume II are: "Analysis of Nonnormal Training for

Personnel Working in the Field of Developmental Disabilities in Minnesota: 1981-1982"; "A Survey of Training Programs in Developmental Disabilities in Postsecondary Schools in Minnesota and Adjacent States"; "Training Needs as Perceived by Residential and Day Program Administrators and Staff"; "Cost Function Analysis of Minnesota Intermediate Care Facilities for Mentally Retarded (ICF-MR) Per Diems: 1980"; "A Statewide Summary of Sheltered Employment Programs"; "The Financial, Client, and Program Status of Minnesota Developmental Achievement Centers: 1982"; "The Minnesota Family Subsidy Program: Its Effect on Families with a Developmentally Disabled Child"; "Cost Function Analysis of Minnesota Intermediate Care Facilities for Mentally Retarded (ICF-MR) Per Diems: 1981"; "Respite Care: A Supportive and Preventive Service for Families"; and "Summary and Analysis of Minnesota Developmental Disabilities Respite Care Demonstration Projects (1981-1983)." Several of the papers in Volume II update the papers contained in Volume I. Volume I contains 166 references; Volume II has 216 references. (PB)

ED 327 993 EC 233 204
Lippert, Toni

The Case Management Team: Building Community Connections.
Metropolitan Council of the Twin Cities Area, St. Paul, MN.

Spons Agency—Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Minnesota State Planning Agency, St. Paul.
Report No.—421-88-011

Pub Date—89
Contract—16072
Note—82p.

Pub Type—Guides - Non-Classroom (055) — Opinion Papers (120)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Advocacy, Agency Cooperation, *Delivery Systems, *Developmental Disabilities, Family Involvement, Interdisciplinary Approach, *Normalization (Handicapped), *Social Integration, Teamwork
Identifiers—*Case Management, *Minnesota (Twin Cities)

This guidebook presents ideas about how families and case managers can use case management to increase the integration of people with developmental disabilities into their communities, and how public officials and advocates can promote the trend toward community integration. The guide advocates implementation of the integration philosophy, which holds that all people, regardless of the severity of their disabilities, belong in the community, and proposes that case management can translate this belief into practice. Chapter titles include: "Mary Is a Person and My Sister: New Insights about People with Developmental Disabilities"; "Services for an Integrated Society"; "Case Management: A New Kind of Help"; "A Process for Building Community Connections"; "Monitoring, Evaluation and Advocating"; "The Case Management Team-A Partnership"; "Exploring New Roles"; "Using Regular Community Resources"; and "Achieving an Integrated Society." Appendices contain quality-of-life indicators, a regional service system plan, a statement in support of families, an options policy on quality of life, Minnesota case management appeal procedures, a 13-item bibliography on choice-making, an integration test for organizations serving people with developmental disabilities, and related materials. (JDD)

ED 327 994 EC 233 205
Action: A Manual To Help You Organize. This Means War! And We Do Mean Business.

Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Minnesota State Planning Agency, St. Paul.
Pub Date—1 Jan 89

Note—40p.

Available from—Governor's Planning Council on Developmental Disabilities, Minnesota State Planning Agency, 300 Centennial Building, 658 Cedar St., St. Paul, MN 55155 (free).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Advocacy, Citizen Participation, *Developmental Disabilities, Federal Legislation, *Lobbying, Persuasive Discourse, Political Influence, *Social Action, *Voluntary Agencies
Identifiers—Medicaid, Proposed Legislation

This handbook offers practical suggestions for ad-

vocates of individuals with developmental disabilities on how to: acquire basic training, recruit volunteers, influence decision makers, lend reinforcement to state and national initiatives, make and keep important contacts, and enlist new allies. Chapter titles include: "Why Organize?", "Knowing Your Enemy," "Your True Enemy Is Called Ignorance," "Knowing Your Allies," "Sample Questionnaire," "Choosing Your Battles," "Basic Training," "Marshalling Your Resources," "Writing Tactics," "The Petition," "The Letter," "The Personal Letter," "Telephone Tactics," "Meeting in Person," and "Public Speaking." The handbook illustrates how to apply the advocacy techniques by using two federal issues as examples: Medicaid reform and the Americans with Disabilities Act. Cartoons from Gary Larson's "The Far Side" are used to illustrate points made in the text. (JDD)

ED 327 995 EC 233 206
Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).

Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Minnesota Univ., Minneapolis. Research and Training Center on Community Living.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.
Pub Date—Jan 89

Contract—H133B80048
Note—36p.

Available from—Institute on Community Integration, 6 Pattee Hall, University of Minnesota, 150 Pillsbury Dr., S.E., Minneapolis, MN 55455 (free).

Pub Type—Opinion Papers (120) — Collected Works - Proceedings (021)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adults, *Advocacy, *Disabilities, Government Role, Interpersonal Relationship, Personal Autonomy, Program Development, *Public Policy, *Self Determination
Identifiers—*Self Advocacy

Twenty-nine recommendations were compiled from ideas generated by participants at the National Conference on Self-Determination, which was called by the United States Office of Special Education and Rehabilitative Services, with over half the participants having disabilities of some kind. The participants came with different perspectives, but they shared the experiences of being kept on the margins of society, being treated as if they were not whole people, and having choices made for them. The 29 recommendations focus on the government's role, the need for self-determination as an element of public policy, improving relations between disabled and nondisabled individuals, and developing model self-determination programs. Keynote addresses are reprinted, including "Self-Determination" by Nancy Ward, "Creating a New World of Opportunity" by Robert Williams, "Self-Determination at the Community Level" by Frank Bowe, and "Self-Determination: Influencing Public Policy" by Gunnar Dybwad. Includes 10 references. (JDD)

ED 327 996 EC 233 207
Allen, William T.

Read My Lips: It's My Choice...
Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Minnesota State Planning Agency, St. Paul.

Pub Date—Oct 89
Note—99p.

Available from—Governor's Planning Council on Developmental Disabilities, State Planning Agency, 300 Centennial Office Building, 658 Cedar St., St. Paul, MN 55155.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Advocacy, Civil Liberties, Decision Making, Delivery Systems, *Developmental Disabilities, *Human Services, *Needs Assessment, *Personal Autonomy, Program Development, Program Evaluation, *Self Determination, Self Evaluation (Individuals)

Identifiers—*Choice Behavior, *Self Advocacy

This resource guide looks at five areas in which freedom of choice can be increased for people with developmental disabilities: assessing needs, planning for services, evaluating services, understanding the service system, and self-advocacy. Needs are assessed through home interviews, personal updates, neighborhood surveys, evaluation of likes and dislikes, and a strengths and needs survey. An Individual Program Planning (IPP) guide, an Individual

Transition Planning guide, and Individual Supported Employment Planning guide are included to assist individuals with developmental disabilities to write their own service plans and discuss them at planning meetings. In order to evaluate consumer services, the guide includes a housing checklist, workplace checklist, staff evaluation, IPP checklist, and quality of life survey. To make the service system understandable, a consumer rights statement is provided, and information is offered on how to make by-laws, elections, and grievance procedures more easily comprehensible. Self-advocacy objectives are outlined and accompanied by a bibliography of eight resource materials. (14 references) (JDD)

ED 327 997 EC 233 208
Mount, Beth Zwernik, Kay

It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.

Metropolitan Council of the Twin Cities Area, St. Paul, MN.

Spons Agency—Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Minnesota State Planning Agency, St. Paul.

Report No.—421-88-109

Pub Date—Oct 89
Contract—16586

Note—100p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Cooperative Planning, *Developmental Disabilities, *Goal Orientation, *Individual Development, *Long Range Planning, Models, Personal Autonomy, Problem Solving, Rehabilitation, *Self Actualization, Skill Development

Personal futures planning is a tool for fostering new ways of thinking about people with developmental disabilities. Futures planning helps groups of people focus on opportunities for people with disabilities to develop personal relationships, have positive roles in community life, increase their control of their own lives, and develop the skills and abilities to achieve these goals. It is designed to complement the Individual Habilitation Planning process. This booklet introduces personal futures planning as a problem-solving process and provides a rationale for using it and a basic understanding of its components. The first chapter overviews the process and compares this approach with methods that have been used in the past. The second chapter focuses on finding capacities in individuals and explains how the "capacity perspective" differs from a "deficiency perspective." The third chapter outlines how to plan a future and how to ensure that the plan will be implemented. Building a person-centered team to make connections in the community is the focus of chapter four. The final chapter compares the traditional Individual Habilitation Plan team approach to the Personal Futures Planning approach and demonstrates how they can be used in concert with each other. Five footnotes and a 21-item bibliography conclude the guide. (JDD)

ED 327 998 EC 233 210
Stack, Robert

Technological Adaptations To Increase Independence. Instructor's Guide.
Minnesota Univ., Minneapolis. Inst. on Community Integration.

Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.; Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul.

Pub Date—[87]

Contract—ADD-07DD0282

Note—146p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—*Assistive Devices (for Disabled), Audiovisual Aids, *Caregivers, Communication Aids (for Disabled), Evaluation, Microcomputers, Mobility Aids, Needs Assessment, Postsecondary Education, Sensory Aids, *Severe Disabilities, *Staff Development, *Teaching Methods, *Technology, Values

Identifiers—Positioning (of Disabled)

This manual is designed to help instructors implement a caregivers' course covering the use of technological adaptations to increase independence of individuals with severe disabilities. The course includes 12 sections in 8 hours of instruction. Notes

on implementation and content of each section are provided, as are sheets for overhead projection, worksheets, and handouts. The sections include: an introduction to the course; a videotape describing relevant technology; a lecture on values and philosophy behind assistive technology; a group activity on assessment of individual needs; a small-group activity on seating and positioning; a discussion of mobility; a half-time summary; introduction to the second half; a lecture, demonstration and small-group activity on environmental controls; a videotape, demonstration, and discussion of adaptive devices; a lecture/demonstration of computer use techniques; and a course summary. A glossary and list of 14 references are included. (PB)

ED 327 999 EC 233 211

Donnellan, Anne. Graczyk, Mary J.
How To Develop an Individual Plan. Instructor's Guide.

Minnesota Univ., Minneapolis. Inst. on Community Integration.

Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.; Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul.

Pub Date—[88]

Contract—ADD-07DD0282

Note—166p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—*Caregivers, *Disabilities, *Individualized Programs, Life Style, *Needs Assessment, Planning, Postsecondary Education, Rehabilitation, *Skill Development, Staff Development, *Teaching Methods

This instructor's manual is designed to help in implementing a course for caregivers on individual planning for individuals with disabilities. Content notes and implementation notes for each section are provided, as are sheets for overhead projection, worksheets, and handouts. The course is organized into 19 sections to be administered in 8 hours of instruction. The sections include introductions and summarizations along with: an individual project and group discussion on the need for individual planning; a lecture on developing individual plans; a videotape, lecture, and discussion of the planning process; a lecture on organizing the individual planning meetings; a lecture and group exercise on selecting environments to inventory; an exercise and discussion on conducting general inventories; a lecture and group exercise on conducting an individual inventory; an overview and exercise studying the process of setting personal priorities; and an overview and exercise focusing on the evaluation process. (11 references) (PB)

ED 328 000 EC 233 212

Hitzing, Wade

Positive Learning: An Alternative to Behavior Management. Instructor's Guide.

Minnesota Univ., Minneapolis. Inst. on Community Integration.

Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.; Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul.

Pub Date—[89]

Contract—ADD-07DD0282

Note—242p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC10 Plus Postage.

Descriptors—Antisocial Behavior, *Behavior Modification, *Behavior Problems, *Caregivers, *Positive Reinforcement, Postsecondary Education, *Severe Disabilities, Staff Development, *Teaching Methods

Identifiers—*Behavior Management

This course is designed to help direct caregivers of people with severe disabilities to understand and participate in a positive approach to behavior management. Notes on implementation and content of each section are provided, as are sheets for overhead projection, worksheets, and handouts. The course is organized in 15 sections lasting a total of 8 hours. In addition to introductory and summarizing sections, the course includes a lecture and group discussion illustrating the need for behavior management; a lecture/discussion of the history of behavior "cures," including the tendency toward "quick fix" alternatives; a videotape illustrating the failure of most community services to accommodate behavior challenges; a lecture/discussion and exercise examining the types of people with disabilities for whom support programs are designed and the failure for

many to accommodate people with disabilities; lectures and discussions on understanding behavior challenges and reasons for behavior; a lecture/discussion contrasting support learning and managing behavior; and a small group exercise based on a case study. A list of 12 suggested readings and four videotapes is included. (PB)

ED 328 001 EC 233 213

Bergman, Joan S.

How To Position People with Severe Disabilities. Instructor's Guide.

Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul; Nebraska Univ. Medical Center, Omaha. Meyer Children's Rehabilitation Inst.

Pub Date—[89]

Note—206p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—Assistive Devices (for Disabled), *Caregivers, Case Studies, *Intervention, *Physical Disabilities, Physical Mobility, Postsecondary Education, *Severe Disabilities, Staff Development, *Teaching Methods

Identifiers—*Positioning (of Disabled), Positioning (Patients)

This course is designed to help direct caregivers of people with severe disabilities to better their understanding of the process of positioning. The instructor's guide contains content notes and implementation notes, along with sheets for overhead projection, worksheets, and handouts. The course is organized into 15 sections, totaling about 8 hours' instructional time. The first half includes: an introductory lecture; a positioning exercise and discussion; a videotape and discussion on the importance of therapeutic positioning; a lecture and discussion on principles of therapeutic positioning; a lecture reviewing an interdisciplinary approach to positioning; a small group exercise using case studies; and a half-time summary. After a second introductory lecture, the second half includes: a lecture on alternate positions; a demonstration and small-group activity on "quick and dirty" positioning; a lecture/discussion on dining activities; a tape/slide presentation on the history and specifics of intervention; a lecture and demonstration of adaptive equipment; and a final course summary. Includes a list of 12 print resources, seven videotapes, and approximately 50 equipment producers. (PB)

ED 328 002 EC 233 214

Johnson-Dorn, Nancy And Others

Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

Spons Agency—Special Education Programs (ED/OSERS), Washington, DC.

Pub Date—84

Contract—300-81-0411

Note—219p.

Pub Type—Guides - Classroom - Teacher (052) — Tests/Questionnaires (160)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—Classroom Techniques, Elementary Secondary Education, Inservice Education, Inservice Teacher Education, *Interpersonal Competence, *Mainstreaming, Models, Normalization (Handicapped), Parent Participation, *Peer Acceptance, Peer Relationship, *Severe Disabilities, Sibling Relationship, Siblings, Skill Development, *Social Integration, Special Education, Teaching Methods

This project sought to develop a model for integrating students with severe disabilities which would include a strong social interaction programming component. The first section of the teacher's manual describes processes the special education teacher and/or administrator can use for determining and implementing overall integration objectives. A format to assist in preparing different types of inservice activities for a variety of audiences is described. Three peer systems for classroom use are also described. Section II addresses specialized programming for increasing interaction skills. An assessment instrument to evaluate social interaction skills of students with severe handicaps is presented, and procedures for teaching interaction skills are defined. The last section addresses several integration issues encountered by parents of children with handicaps at home. The needs of siblings of children

with handicaps are addressed, and a system is provided for parents to identify areas in the community in which their child could be included. Appendices follow each section with examples, blank forms, and resource information. (49 references) (PB)

ED 328 003 EC 233 215

Toews, Jane And Others

Implementation Strategies for Integration. An Administrator's Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

Spons Agency—Special Education Programs (ED/OSERS), Washington, DC.

Pub Date—Jan 84

Contract—300-81-0411

Note—25p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Planning, Educational Policy, Elementary Secondary Education, *Mainstreaming, Parent School Relationship, *Program Development, School Activities, *School Policy, *Severe Disabilities, Social Interaction

This manual puts forth strategies for integrating students with severe disabilities, which have been successfully implemented by administrators and teachers in public schools. A sequential set of suggestions and practical examples to help administrators plan integration policy is also featured. The first chapter describes a conflict between a parent and a principal over ways in which a severely handicapped student can be integrated into the total school program. Chapter 2 provides ideas and suggestions for designing integration plans for school programs. Chapter 3 presents ways in which educational programs can foster community involvement for students with severe handicaps. (13 references) (PB)

ED 328 004 EC 233 216

Blair-Thomas, Lynn And Others

Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School.

Oregon State System of Higher Education, Monmouth. Teaching Research Div.

Spons Agency—Special Education Programs (ED/OSERS), Washington, DC. Handicapped Children's Early Education Program.

Pub Date—86

Contract—G008302262

Note—154p.

Pub Type—Guides - Non-Classroom (055) — Reports - Descriptive (141) — Tests/Questionnaires (160)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—*Disabilities, *Educational Planning, *Intervention, *Models, Preschool Education, Primary Education, Program Development, Program Evaluation, Public Schools, Student Placement, Teaching Methods, *Transitional Programs

Identifiers—Practitioners

A transitional model is put forth to facilitate the placement of preschool children with disabilities in their first elementary school environment. After an introductory chapter and conceptual overview, chapters cover planning, intervention, and follow-up, with program evaluation incorporated into each component. Appendices contain two transition skills assessment forms, instructional strategies, an environmental planning outline, transition timeline, child summary form, and various other survey and administrative forms. (Five references) (PB)

ED 328 005 EC 233 217

Cress, Cynthia J. And Others

Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making.

Oregon State System of Higher Education, Monmouth. Teaching Research Div.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.

Report No.—300-83-0237

Pub Date—[89]

Note—63p.

Pub Type—Guides - Non-Classroom (055) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Assistive Devices (for Disabled), *Communication Aids (for Disabled), *Deaf Blind, *Decision Making, Hearing Aids, *Needs Assessment, Nonverbal Communication, *Sensory Aids

Identifiers—*Augmentative Communication Sys-

Items

This manual is intended to assist in developing augmentative communication systems for deaf-blind children. After a brief introduction, section II provides an overview of general augmentative communication systems and theory. Section III presents a general decision-making process for developing and selecting augmentative communication systems for nonspeaking individuals. Techniques for assessing needs, the current communication system, and potential changes in the communication system are discussed. Nineteen systems of nonverbal communication are described, as are 10 communication aids, and contact information for companies producing and distributing the aids is provided. A form for relevant motor assessment is also presented. (94 references) (PB)

ED 328 006 EC 233 218

Play Activities and Emergent Language: Intervention Procedures for Young Children with Deaf-Blindness.

Oregon State System of Higher Education, Monmouth Teaching Research Div.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.

Report No.—300-83-0237

Pub Date—[89]

Note—36p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Communication Skills, *Deaf Blind, Early Childhood Education, *Early Intervention, *Hearing Impairments, Interpersonal Competence, *Play, Severe Disabilities, Skill Development, *Visual Impairments

This booklet presents a series of play activities and interventions to facilitate development of social and communicative skills in young children who have visual impairments, hearing impairments, or both. The more than 100 activities attempt to increase the early communication and language competencies of young children. An appendix provides an overview of the Early Communication Skills Curriculum developed at Central Wisconsin Center for Developmental Disabilities, with suggested modifications for deaf and/or blind children. (PB)

ED 328 007 EC 233 219

Bullis, Michael, Ed.

Research on the Communication Development of Young Children with Deaf-Blindness.

Oregon State System of Higher Education, Monmouth Teaching Research Div.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.

Pub Date—Jan 89

Contract—300-83-0237

Note—175p.

Pub Type—Collected Works - General (020) — Reports - Descriptive (141)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Classroom Environment, Communication Aids (for Disabled), *Communication Skills, *Deaf Blind, Early Childhood Education, Early Intervention, Interaction, *Interpersonal Communication, Interpersonal Competence, *Intervention, Multiple Disabilities, *Nonverbal Communication, Play, Sensory Aids, Skill Development, Vision Tests, Young Children

Identifiers—*Augmentative Communication Systems

This booklet collects seven papers drawing on research performed through the Communication Skills Center for Young Children with Deaf-Blindness of the Oregon State System of Higher Education and its affiliated sites. Papers include: "Research on Vision Assessment" (Pamela Cress); "Use of Microswitch Technology To Facilitate Social Contingency Awareness as a Basis for Early Communication Skills: A Case Study" (Philip Schweigert); "Communication Opportunities for Children with Dual Sensory Impairments in Classroom Settings" (Charity Rowland); "Comparison of Intervention Strategies for Facilitating Nonsymbolic Communication among Young Children with Multiple Disabilities" (Ellin Siegel-Causey); "Training a Child with Multihandicaps To Use a Tactile Augmentative Communication Device" (Pamela Mathy-Laikko and others); "Play as an Intervention Strategy with Young Children with Deaf-Blindness" (Rebecca Fewell and Patricia Vadasy); and "Evaluation of a Training Program To Enhance Social Interactions between Children with Severe/Profound Multihandicaps and Deaf-Blindness and Their Caregivers" (Pamela Mathy-Laikko

and others). References accompany each paper. (PB)

ED 328 008 EC 233 221

Gaventa, William C.

Cooperative Approaches to Respite Planning and Development.

Pub Date—May 90

Note—13p.; Paper presented at the Annual Conference of the American Association on Mental Retardation (Atlanta, GA, May 27-31, 1990).

Pub Type—Reports - Descriptive (141) — Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Agency Cooperation, *Community Services, *Delivery Systems, *Disabilities, Family Involvement, Family Programs, Needs Assessment, Program Development, *Respite Care, *State Programs, State Surveys

Identifiers—*Georgia

This paper reports on several projects conducted in Georgia over the past 2 years that move the development of respite care services toward the goal of becoming a "cooperative, collaborative, and coordinated" effort. An overview of respite care in Georgia is provided as well as a summary of strategies used to provide such care. Emerging principles, directions, issues, and guidelines are identified, and the present provision of services primarily by area-based developmental services programs is noted. The networking and cooperative strategies that have occurred at three levels (county, metropolitan, and statewide) are summarized, and 10 guiding principles are described. They include respite care as a community wide need, the involvement of families and caregivers in the planning and delivery of services, the development of community ownership of respite needs services, and respite care as providing benefits for everyone involved. A few pointers for others are offered; they include the impossibility of forcing networking, the importance of family involvement for maintaining common ground, and the value of starting small. Also included is a summary of results of a 1988 survey of 30 Georgia program offices; insufficient funds was the most frequently cited problem and the provision of services to clients with severe medical problems was cited as the most difficult need to meet. (DB)

ED 328 009 EC 233 222

Baker, Pamela C.

Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention.

Pub Date—May 90

Note—16p.; Paper presented at the Annual Meeting of the American Association on Mental Retardation (Atlanta, GA, May 27-31, 1990).

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Accountability, *Delivery Systems, *Disabilities, *Evaluation Methods, Formative Evaluation, Human Services, *Program Evaluation, *Quality Control, *Systems Approach

Identifiers—*Quality Service Management

The paper describes Quality Service Management (QSM) as applied to the provision of services to disabled and other special needs persons. QSM is defined as a systems approach to consumer relations based on the belief that quality care may be achieved only within the context of overall services management. Differences among "quality accountability" concepts such as quality control, quality circles, quality assurance, and quality services management are explained. QSM is an internal monitoring system which targets the specific criteria of timeliness, accuracy, outcome/results, conformance to requirements or procedures, and recognized standards of care or benchmarks of quality. The system records performance on selected indicators of quality in administrative, clinical, fiscal, physical, and programmatic audit areas. Six steps for QSM implementation are outlined: (1) develop a mission statement, philosophy, and goals and appoint a coordinator; (2) define service areas for audit; (3) operationalize the process; (4) develop reporting protocol on which indicators will be recorded; (5) establish internal monitoring schedule; and (6) design and implement a training program. A suggested classification system for performance indicators is attached. Includes 18 references. (DB)

ED 328 010 EC 233 223

Pawl, Jerec, Ed. And Others

[Training Practitioners to Work with Infants,

Toddlers and Their Families]. National Center for Clinical Infant Programs, Washington, DC.

Report No.—ISSN-0736-8083

Pub Date—Sep 89

Note—34p.

Available from—Zero to Three, National Center for Clinical Infant Programs, 2000 14th St. North, Suite 380, Arlington, VA 22201-2500 (\$18.00 per year).

Journal Cit—Zero to Three; v10 n1 p1-32 Sep 1989

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—At Risk Persons, Disabilities, *Early Intervention, *Family Programs, *Infants, *Inservice Education, Models, Neonates, Nursing, Parent Education, *Preservice Teacher Education, Public Health, *Toddlers, Training Methods

This newsletter theme issue focuses on the training of practitioners to work with infants, toddlers, and their families with emphasis on the activities of the TASK (Training Approaches for Skills and Knowledge) Project of the National Center for Clinical Infant Programs. The TASK project addresses the concerns of four "stakeholder" groups: parents; educators; professional organizations and practitioners; and policymakers and administrators. The following articles are included: "Educating Allies: Issues and Recommendations in the Training of Practitioners To Work with Infants, Toddlers and Their Families" (Emily Schrag Fenichel and Linda Eggbeer); "Individualizing Training for Early Intervention Practitioners" (Carole Brown and Eva Thorp); "Teaching and Learning: My First Year as an Advisor at Wheelock College" (Jill Bohlin); "A Developmental/Relationship In-Service Training Model for Public Health Nurses Serving Multiracial Infants and Families" (Serena Wieder et al.); "Mediating Successful Parenting: Guidelines for Practitioners" (Serena Wieder); and "Family Administered Neonatal Activities: An Innovative Component of Family-Centered Care" (Ida Anne Cardone and Linda Gilkerson). Also provided is a list of 29 new and ongoing training initiatives for practitioners working with infants, toddlers, and their families. Information provided includes some or all of the following: the sponsoring institution; a program description; a contact person; eligibility requirements; and stipends available. (DB)

ED 328 011 EC 233 224

Pawl, Jerec, Ed. And Others

[Infants and Toddlers].

National Center for Clinical Infant Programs, Washington, DC.

Report No.—ISSN-0736-8083

Pub Date—Dec 89

Note—27p.

Available from—Zero to Three, National Center for Clinical Infant Programs, 2000 14th St. North, Suite 380, Arlington, VA 22201-2500 (\$18.00 per year).

Journal Cit—Zero to Three; v10 n2 p1-25 Dec 1989

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Caregivers, *Child Development, Classroom Environment, Concept Formation, *Disabilities, *Early Intervention, Infants, Personal Space, Self Concept, Spatial Ability, Stimulation, Toddlers

This newsletter theme issue contains four articles which focus on the development of normal and handicapped infants in various settings. "The Baby's World," by Lois Barclay Murphy and Colleen T. Small, emphasizes experiences of sensation and discovery in the first three years of life, noting the role of caregivers and the cultural context. "The Developmentally Designed Group Care Setting: A Supportive Environment for Infants, Toddlers and Caregivers," by Louis Torelli, offers principles and illustrations of appropriate classroom physical environment arrangements. The third article, "Infant Stimulation: The Pros and Cons in Historical Perspective," by Anneliese F. Korner, discusses how early stimulation can broaden and enrich development and facilitate newly emerging developmental acquisitions. Finally, "The Development of Place Identity in the Child," by Harold M. Proshansky and Nina M. Gottlieb, examines the physical world socialization of the child as a sub-structure of his self-identity. (DB)

ED 328 012 EC 233 225

Pawl, Jerec, Ed. And Others

[Infants in Day Care].

National Center for Clinical Infant Programs,

Washington, DC.
Report No.—ISSN-0736-8083
Pub Date—Feb 90
Note—30p.

Available from—Zero to Three, National Center for Clinical Infant Programs, 2000 14th St. North, Suite 380, Arlington, VA 22201-2500 (\$18.00 per year).

Journal Cit—Zero to Three; v10 n3 p1-28 Feb 1990
Pub Type—Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—At Risk Persons, Child Development, Consultation Programs, Cooperation, *Day Care, *Disabilities, *Early Intervention, Family Day Care, Family Involvement, *Infants, Mainstreaming, Mental Health, Models, Program Development, *Toddlers, Volunteers

This newsletter theme issue looks at infant day care models including those emphasizing early intervention with special needs infants. The lead article, "Infants in Day Care: Reflections on Experiences, Expectations and Relationships," by Jerree H. Pawl, stresses the importance of understanding infants' and toddlers' capacities and needs in designing day care services. Three brief essays were adapted from a December, 1989 seminar and describe three distinct but related models for incorporating infant mental health insights and strategies into day care for young children. Titles and authors are: "Mental Health Consultation to Day Care Providers: The San Francisco Daycare Consultants Program" (Kadija Johnston); "Promoting and Safeguarding Early Relationships in Child Care: The Child Care Dallas Family Day Home System" (Sonya Bemporad); and "An Infant Mental Health Training Model for Day Care Professionals: The C. M. Hincks Institute National Day Care Training Project" (Elizabeth Muir and Elizabeth Tuters). Remaining articles include: "Models of Integration Through Early Intervention/Child Care Collaborations" (Mary Beth Bruder, Penny Deiner, and Sandy Sachs); "Outreach to Family Day Care: A National Volunteer Initiative" (Maria Finn-Stevenson and Pat Ward); "NICHD Infant Child-Care Network: The National Study of Young Children's Lives" (Sarah L. Friedman); and "Whole Babies, Parents and Pieces of Funds: Creating Comprehensive Programs for Infants and Toddlers" (Peggy Daly Pizzo). (DB)

ED 328 013 EC 233 226

Pawl, Jerree, Ed. *And Others*
[Supporting Culturally Diverse Families with Infants and Toddlers].

National Center for Clinical Infant Programs, Arlington, VA.

Report No.—ISSN-0736-8083
Pub Date—Apr 90
Note—27p.

Available from—Zero to Three, National Center for Clinical Infant Programs, 2000 14th St. North, Suite 380, Arlington, VA 22201-2500 (\$18.00 per year).

Journal Cit—Zero to Three; v10 n4 p1-25 Apr 1990
Pub Type—Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—At Risk Persons, Black Youth, *Cultural Differences, Delivery Systems, *Disadvantaged Environments, *Early Intervention, Ethnic Groups, Hispanic Americans, Infants, Latin Americans, Minority Groups, *Parent Child Relationship, Toddlers, Young Children

This newsletter theme issue addresses the needs of infants and young children at risk due to economic, cultural, and environmental disadvantages. Individual articles have the following titles and authors: "Understanding the Early Experience of Black Children in High Risk Environments: Culturally and Ecologically Relevant Research as a Guide to Support for Families" (Dolores G. Norton); "Infant-Parent Intervention with Recent Immigrants: Reflections on a Study with Latino Families" (Alcicia F. Lieberman); "Serving the Newest Arrivals: A Model of Early Intervention for Central American Babies and Their Families" (Maria Elena Orrego and Ann B. Barnett); "Ethnic Differences in the Transition to Parenthood" (Lorraine F. Kubick et al.); "The National Center Fellowship Program: Nurturing New Leaders" (Carol P. Berman and Raymond C. Collins). (DB)

ED 328 014 EC 233 227

Pawl, Jerree, Ed. *And Others*
[Adoption].

National Center for Clinical Infant Programs, Arlington, VA.

RIE JUN 1991

Report No.—ISSN-0736-8083

Pub Date—June 90

Note—45p.

Available from—Zero to Three, National Center for Clinical Infant Programs, 2000 14th St. North, Suite 380, Arlington, VA 22201-2500 (\$18.00 per year).

Journal Cit—Zero to Three; v10 n5 p1-27 Jun 1990
Pub Type—Collected Works - Serials (022)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Adoption, *At Risk Persons, Child Rearing, *Emotional Adjustment, Emotional Development, *Family Problems, Infants, One Parent Family, Parent Child Relationship, Trend Analysis, Young Children

This newsletter theme issue addresses adoption and the young child's life. Contributors suggest ways in which practitioners in many professions and settings can better understand and support adoptive families. The first article, "Adoption, 1990" by Barbara F. Nordhaus and Albert J. Solnit, reviews the history of adoption and notes obstacles to serving the best interests of the child and such controversies as open adoption. The second article, "On Adoption" by T. Berry Brazelton, looks at the stresses on the adoptive parent and offers answers to children's questions about adoption. Remaining articles have the following titles and authors: "And Baby Makes Two: Adoption and the Single Parent" (Deane Argenta); "The Psychological Work of Pregnancy" in Adoption (Anne Williams); and Preventive-Intervention Groups with Adoptive Parents and Their Babies: Minimizing the Risks to Emotional Development in the First Three Years" (Elaine Frank and Denise Rowe). Also included in this issue is the 1989 report of the National Center for Clinical Infant Programs which covers Center activities, a financial statement, and a list of contributors. (DB)

ED 328 015 EC 233 229

Remizoff, M.

A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report.

Calgary Board of Education (Alberta).

Pub Date—Dec 89

Note—131p.; Volumes 1-5 (1,835 pages) contain detailed data on which this summary is based and have not been entered into the ERIC database. For these volumes, contact Calgary Board of Education, 515 Macleod Trail, S.E., Calgary, Alberta, Canada T2G 2L9.

Pub Type—Reports - Research (143) — Reports - Evaluative (142)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Academic Achievement, Foreign Countries, *Gifted, Graduate Surveys, High School Graduates, High Schools, Interpersonal Competence, Longitudinal Studies, *Mainstreaming, Outcomes of Education, Postsecondary Education, *Special Schools, *Student Adjustment, *Student Attitudes

Identifiers—Alberta (Calgary)

The summary report describes a 5-year longitudinal study in Calgary (Alberta, Canada) of gifted and talented students from grade 9 through the post-high school year. Students had previously attended either a special school setting or were integrated with regular students in their home schools. The study examined: students' achievement; their progress and well-being in academic, social, and personal domains; course work; transition from junior high to senior high school; high school graduation; and preparedness for post-high school life. Subjective data obtained included the views of students, parents, and teachers over the 5 years. Objective data included student scores on tests and academic grades. Additional data included students' areas of strengths and weaknesses, choices made by students, activities engaged in, and recognitions they received. General findings included: students on the whole were successful, well-adjusted individuals; special school and mainstreamed students were comparable with respect to skills, abilities, and progress in academic, personal, and social domains; achievement of the two groups of students was generally comparable; students who had attended the special school were more likely to report satisfaction than mainstreamed students; and fewer special school than mainstreamed students reported social adjustment problems at the post-secondary level. (DB)

ED 328 016 EC 233 230

An Educational Unit on Deafness for Hearing Students.

Alberta Education Response Centre, Edmonton;

Alberta School for the Deaf, Edmonton.

Report No.—ISBN-1-55006-242-5

Pub Date—90

Note—19p.

Pub Type—Guides - Classroom - Learner (051) — Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Deafness, Elementary Secondary Education, Etiology, Exceptional Persons, Finger Spelling, Foreign Countries, *Hearing Impairments, Special Schools, *Units of Study

Identifiers—Alberta School for the Deaf
The educational unit on deafness for hearing students was developed by the Alberta (Canada) School for the Deaf and covers: (1) an introduction to deafness (covering types of hearing loss, causes of deafness, misconceptions and clarifications, and the programs of the Alberta School for the Deaf); (2) famous deaf Canadians; (3) a quiz on the deaf which can be given as a pre- and/or post-test; and (4) a copy of the manual alphabet. (DB)

ED 328 017 EC 233 231

Ensign, Arnelia S., Ed.

Sewing: Easier with Adaptations. PAM Repeater,

No. 54.

PAM Assistance Centre, Lansing, MI.

Pub Date—Oct 89

Note—9p.

Available from—PAM Assistance Centre, 601 W.

Maple St., Lansing, MI 48906 (\$2.00).

Pub Type—Guides - Non-Classroom (055) — Reports - Descriptive (141) — Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Assistive Devices (for Disabled), Clothing, *Clothing Design, Clothing Instruction, *Disabilities, *Physical Disabilities, *Sewing Instruction

Techniques are presented for sewing clothing for children or adults with handicaps. Considerations in sewing adapted clothing include the most appropriate type of pattern for a particular disability, fabric choices, and items needed for clothing construction. Eight sources of sewing supplies are listed, with descriptions of items available. Several publications of interest are noted. A method is offered for adapting a pants pattern or altering a pair of pants for a person in a wheelchair. Instructions are given for making vest-bibs and wrap-around skirts for wheelchair users. A reprint of an article from "Threads" magazine, "Keep on Stitching" (Sharon Gilbert), offers sewing project suggestions for persons who are physically challenged, focusing on sewing tools, pattern selection, fabric selection, fusibles, and fasteners. (JDD)

ED 328 018 EC 233 232

Ensign, Arnelia S., Ed.

Signaling for Help. PAM Repeater, No. 56.

PAM Assistance Centre, Lansing, MI.

Pub Date—Jan 90

Note—9p.

Available from—PAM Assistance Centre, 601 West Maple St., Lansing, MI 48906 (\$2.00).

Pub Type—Reference Materials - Directories/Catalogs (132) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Alarm Systems, *Assistive Devices (for Disabled), *Communication Aids (for Disabled), *Disabilities, *Hearing Impairments, Safety Equipment, Sensory Aids

Identifiers—*Signaling Devices

Signaling devices can help individuals with disabilities call for help, see and feel sound, and monitor what is happening in another room. This pamphlet describes signaling devices within the following categories: emergency, telephone, doorbell, smoke and fire, baby cry and room monitor, light and vibrating, security, wake-up, and child monitor signals. Approximately 90 company names, addresses, and telephone numbers are listed with an indication of the types of signaling devices they offer. (JDD)

ED 328 019 EC 233 233

Mason, Christine Y.

Consumer Choice and Satisfaction. NARF Technical Assistance Series.

National Association of Rehabilitation Facilities, Washington, DC.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.

Pub Date—Aug 90

Contract—G00874515

Note—28p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Decision Making, Delivery Systems, *Disabilities, Evaluation Methods, Human Services, Independent Living, *Job Satisfaction, Life Satisfaction, *Normalization (Handicapped), Personal Autonomy, *Quality of Life, Quality of Working Life, Rehabilitation, Research Needs, *Self Determination, Social Integration

Identifiers—Choice Behavior, Empowerment

This guide examines the evolution of human services systems toward the recognition that individuals with handicaps can make consumer choices and should be included in decision-making sessions. Consumers with disabilities are seeking empowerment through their presence and participation in political processes and community events. Choices regarding housing, employment, and other aspects of life cannot be made by a professional on behalf of disabled persons. Quality of life issues should be incorporated into research of the life settings of individuals with disabilities. Findings from existing research indicate that more joint planning with consumers is needed, and ways that the service sector can get consumers involved are considered. The Consumer Job Satisfaction Scale, being developed by the National Association of Rehabilitation Facilities, is presented as a tool to assess factors contributing to quality of working life. Techniques for measuring satisfaction in nonverbal individuals are also addressed. Implications for consumers, state and federal agencies, and rehabilitation service providers are examined. (47 references) (JDD)

ED 328 020

EC 233 234

Mason, Christine Y. And Others.

Effective Management of Supported Employment.

NARF Technical Assistance Series.

National Association of Rehabilitation Facilities, Washington, DC.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.

Pub Date—Aug 90

Contract—G00874515

Note—78p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Change Strategies, *Disabilities, Employment Programs, Financial Support, Personnel Management, Planning, *Program Administration, Program Development, Program Evaluation, Rehabilitation Programs, Resource Allocation, Self Evaluation (Groups), Supervision, *Supported Employment, *Vocational Rehabilitation

This document aims to help agencies adapt to supported employment by considering how to manage both the timing and the processes used in facilitating change. It provides a systematic evaluation of the administration of supported employment. Supported employment administration is compared to administration of traditional vocational rehabilitation programs. Strategies are provided for supervising staff, negotiating with funding agencies, and allocating resources. The text is organized so that portions of it can be used as working documents for executives, mid-level managers, and supervisors as they plan for supported employment. A chapter titled "Managing Change: The Challenge to Executive Leadership" discusses the role of vision in management, the role of mission in management, strategic planning for supported planning, guidelines, and resource management. The implications of supported employment programs for mid-level facility managers are then discussed in a chapter titled "Managing Discrepancies: The Mid-Level Management Challenge." Changes needed in the roles of traditional government funding sources in order to provide intensive initial job site training and continuing long-term support are examined. Ways in which supported employment redefines and challenges supervisory management to be more flexible in staffing and personnel retention are reviewed. An appendix contains a form for supported employment self-diagnosis. (Includes 37 references) (JDD)

ED 328 021

EC 233 235

Mason, Christine Y.

The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series.

National Association of Rehabilitation Facilities, Washington, DC.

Spons Agency—Office of Special Education and Rehabilitative Services (ED), Washington, DC.

Pub Date—Jul 90

Contract—G00874515

Note—33p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Accountability, *Disabilities, Employment Programs, *Evaluation Criteria, Evaluation Methods, Models, Needs Assessment, Program Administration, Program Effectiveness, *Program Evaluation, *Quality Control, Rehabilitation Programs, *Self Evaluation (Groups), *Supported Employment, Vocational Rehabilitation

This guide aims to help rehabilitation facilities develop effective self-evaluation systems to improve quality assurance for supported employment. The guide proposes that quality be measured by emphasizing direct outcomes that meet consumers' specified needs and concerns in terms of decision making, determination of quality, and access to choice. A section on approaches to quality assurance discusses levels of quality assurance, national regulations, national standards, and quality through the promotion of exemplary practices. A rationale is offered for voluntary monitoring of quality assurance. Evaluation criteria of model monitoring systems are specified, and steps involved are outlined. A modified system is then proposed by the National Association of Rehabilitation Facilities (NARF). The system is based on management practices that promote quality, management components of exemplary supported employment programs, and categories for evaluating quality of exemplary programs. The NARF system includes two basic components: (1) the NARF Quality Indicators Profile which functions as a self-checklist; and (2) the Six Guiding Principles of outcomes, vision, consumer satisfaction, collaboration, organizational development/staff development, and self-evaluation. (42 references) (JDD)

ED 328 022

EC 233 236

Special Education: Parent and Student Rights.

[Updated.]

Texas Education Agency, Austin. Div. of Special Education.

Report No.—GEO-312-02

Pub Date—Apr 90

Note—35p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Disabilities, Due Process, Educational Legislation, Educational Practices, Elementary Secondary Education, Federal Legislation, *Parent Rights, *Special Education, State Legislation, State Standards, *Student Evaluation, *Student Placement, *Student Rights

Identifiers—*Texas

This booklet explains parent and student rights concerning special education for children with disabilities, as outlined in federal law and Texas law. The booklet offers definitions of terms and outlines the steps involved in the child-centered educational process leading to special education services. Components of the process are then described, including: comprehensive individual assessment; independent educational evaluation; Admission, Review, and Dismissal Committee; individual educational plan; related services; educational placement; extended year services; extracurricular activities; discipline; individual transition plan; graduation; transferring to a new school; procedures regarding educational records; complaint process, mediation process, and due process hearings; attorneys' fees; and agencies that provide low-cost or free assistance and information to parents. (JDD)

ED 328 023

EC 233 237

Anthony, William A. Ed. Wolkon, George H. Ed.

Psychosocial Rehabilitation and Mental Illness:

Views from Africa, India, Asia and Australia.

Monograph Series, Number 49.

World Rehabilitation Fund, Inc., New York, NY.

Spons Agency—National Inst. on Disability and Rehabilitation Research (ED/OSERS), Washington, DC.

Report No.—ISSN-0147-5622

Pub Date—Jul 90

Note—108p.; A publication of the International Exchange of Experts and Information in Rehabilitation (IEEIR) project.

Available from—Psychosocial Rehabilitation Journal, 730 Commonwealth Ave., Boston, MA 02215.

Journal Cit—Psychosocial Rehabilitation Journal; v14 n1 Spec Iss Jul 1990

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Community Development, *Community Programs, *Cultural Differences, *Developing Nations, Family Involvement, Foreign Countries, Home Programs, *Mental Disorders, Mental Health Programs, *Psychiatric Services, *Rehabilitation Programs, Rural Areas

Identifiers—Australia, China, India, Nigeria, Sri Lanka

This special journal "Theme" issue presents a collection of papers reflecting the psychiatric practices and community treatment for persons with severe psychiatric disabilities in Asia, Africa, Australia, and India. Some of the papers were presented at the 1988 meeting of the World Association of Psychosocial Rehabilitation (WAPR) in Lyons, France. Compared to technologically advanced nations of the West, the developing nations' approach is characterized by more efficient utilization of scarce resources, culturally syntonized diagnostic and treatment procedures that merge indigenous healing systems with scientific modalities, and the inclination of most third world practitioners to integrate the patients' families into the healing process. Papers include: "Rehabilitation in Mental Illness: Insights from Other Cultures" (Harriet P. Lefley); "Report of a World Health Organization (WHO) Meeting on Consumer Involvement in Mental Health Services"; "Psychosocial Rehabilitation in the Developing World: Progress and Problems" (M. Parameshvara Devi); "An Example of a Community Based Mental Health/Home-Care Programme: Haidian District in the Suburbs of Beijing, China" (Shen Yucun and others); "Nigeria: Report on the Care, Treatment and Rehabilitation of People with Mental Illness" (Tolani Asuni); "A Model for the Care of People with Psychosocial Disabilities in Sri Lanka" (Nalaka Mendis); "Integration of Psychosocial Rehabilitation in National Health Care Programmes" (Vijay Nagaswami); and "Rural Psychiatric Rehabilitation and the Interface of Community Development and Rehabilitation Services" (Douglas A. Dunlap.) (JDD)

ED 328 024

EC 233 238

Thomas, M. Angele Bunsen, Teresa D.

Special Projects: An Historical Analysis.

Pub Date—Apr 90

Note—31p.; Paper presented at the Annual Conference of the Council for Exceptional Children (68th, Toronto, Ontario, Canada, April 23-27, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Demonstration Programs, *Disabilities, *Educational History, Elementary Secondary Education, Federal Aid, *Federal Programs, Financial Support, *Inservice Education, Inservice Teacher Education, Postsecondary Education, Preschool Education, *Preservice Teacher Education, Professional Education, Special Programs, Trend Analysis

Identifiers—*Office of Special Education Programs

The Special Projects Competition is a separate federal government priority authorized to support an increased quantity and improved quality of personnel available to educate infants, toddlers, children, and youth with disabilities. Special project grants provide a means for the conceptualization of new approaches to preparation programs, the improvement of existing types of programs, and the opportunity to gain experience with prototypes. An historical analysis of 491 special projects funded from 1968-90 through the Division of Personnel Preparation in the United States Office of Special Education Programs was conducted to examine a variety of items such as year of award, applicant agency, project director, state, target population, content, and dollar amount. The percentage of inservice versus preservice is analyzed. The portion of training funds allocated to this priority is reviewed. The projects are analyzed against the backdrop of the movements in the profession at large, such as progressive inclusion, a holistic focus including the ecology of the child, the changing role of administration and personnel preparation programs, and an infiltration of technology. (29 references) (Author/JDD)

ED 328 025

EC 233 239

Dufresne, Derrick F.

No Place Like Home.

Pub Date—May 90

Note—9p.; Paper presented at the Annual Meeting

of the American Association on Mental Retardation (Atlanta, GA, May 27-31, 1990).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Deinstitutionalization (of Disabled), *Delivery Systems, *Developmental Disabilities, Financial Support, Group Homes, Institutionalized Persons, *Place of Residence, Readiness, *Residential Care, Residential Institutions, Residential Programs, *Social Services

Identifiers—Continuum Models, Impairment Severity, *Supported Housing

Historically, in the field of developmental disabilities, the place of residence determines the level of support provided. This has led to a situation in which the more home-like the residence, the less public financial support it receives. The more disabled an individual is and the more difficulties that individual presents, the further he or she is from ever having a place to call home. Severely disabled individuals face difficulties in facilities, such as difficulties in learning when surrounded by others with behavioral problems or intensive needs; the failure to generalize skills; and a reward system which requires individuals who learn and grow to move to other facilities, leaving their neighborhood, friends, and surroundings. The concept of supported housing is an attempt to bring supports needed by an individual to his/her home, equal to the support provided in the traditional continuum of services. Adoption of this concept requires acceptance that supported living is not necessarily cheaper than other forms of residential care. The most fundamental creed upon which supported housing is based is that everyone deserves a home. There is no "readiness" required to live in the community. (JDD)

ED 328 026

EC 233 240

Thayer, Donald, Ed.

Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989. Rehabilitation Services Administration (ED), Washington, DC.

Pub Date—89

Note—487p.; For the 1988 edition, see ED 313 891.

Pub Type—Numerical/Quantitative Data (110) — Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF02/PC02 Plus Postage.

Descriptors—Accessibility (for Disabled), Agency Cooperation, Civil Rights Legislation, Compliance (Legal), *Disabilities, Employment Services, Equal Protection, *Federal Legislation, *Federal Programs, Handicap Discrimination, *Independent Living, Program Implementation, *Rehabilitation Programs, Research Projects, Supported Employment, Training, *Vocational Rehabilitation

Identifiers—*Rehabilitation Act 1973, Rehabilitation Services Administration

This report describes fiscal year 1989 activities of the Rehabilitation Services Administration (RSA) and other federal agencies in meeting the legislative mandates of the Rehabilitation Act of 1973. The first section of the report covers general provisions relating to the Office of the Commissioner, "American Rehabilitation" (RSA's quarterly magazine, the RSA task forces, the information clearinghouse and the evaluating procedures mandated under the Act. Ensuing sections cover: the Vocational Rehabilitation Services Program; Client Assistance Program; American Indian Rehabilitation Services Projects; National Institute of Disability and Rehabilitation Research; rehabilitation training; the National Council on Disability; employment of handicapped individuals; architectural and transportation barriers; nondiscrimination under federal grants and programs; the Interagency Coordinating Council; projects with industry; supported employment services; and independent living services. Appendices include a glossary of terms and data relating to federal and state expenditures, historical national trends and current activity by state agencies, characteristics of persons rehabilitated, post-employment services, ineligibility determinations, the client assistance program, client and applicant appeals, independent living services, and services to and outcomes for persons with severe disabilities and persons with non-severe disabilities. (JDD)

ED 328 027

EC 233 241

The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S.

Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program.

Administration for Children, Youth, and Families (DHHS), Washington, DC. Head Start Bureau.

Pub Date—89

Note—47p.; For the Fourteenth Annual Report, see ED 297 559.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Disabilities, *Early Intervention, Educational Diagnosis, *Educational Practices, *Federal Programs, Human Services, *Incidence, Mainstreaming, Parent Education, *Preschool Children, Preschool Education, Therapy

Identifiers—*Project Head Start

This report discusses the status of children with disabilities mainstreamed into full-year Head Start programs in 1986-1987, based on the Program Information Report survey completed by each program. Nationally, children with disabilities totalled 65,276, comprising 12.7% of the Head Start enrollment. All programs reported serving at least one child with disabilities. Primary disabling conditions, from most to least frequent, were speech impairments, health impairments, learning disabilities, physical disabilities, mental retardation, serious emotional disturbances, hearing impairments, visual impairments, deafness, and blindness. Services provided by Head Start staff included individualized teaching, speech therapy and language stimulation, and transportation. Special services provided by other agencies included medical and psychological diagnosis, evaluation or testing, speech therapy and language stimulation, and medical treatment. Services provided to parents included counseling, referrals to other agencies, home visits, parent conferences, transportation, literature and special teaching equipment, workshops, medical assistance, and special classes. Appendices contain a summary of diagnostic criteria for reporting children with disabilities, a description of the Resource Access Project Network, and results of a survey on children with disabilities in Head Start by state. (JDD)

ED 328 028

EC 233 242

Gallagher, James J. Coleman, Patsy

Professional Organizations' Role in Meeting the

Personnel Demands of Part H, P.L. 99-457.

North Carolina Univ., Chapel Hill. Carolina Inst. for Child and Family Policy; North Carolina Univ., Chapel Hill. Frank Porter Graham Center.

Pub Date—Oct 90

Note—49p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Certification, Delivery Systems, *Disabilities, *Early Intervention, *Federal Legislation, Higher Education, Infants, Inservice Education, Personnel Needs, Preschool Education, *Professional Associations, *Professional Education, Professional Training, State Programs, *State Standards, Teacher Education, Toddlers

Identifiers—*Education of the Handicapped Act Amendments 1986

Part H of Public Law 99-457, the Education of the Handicapped Act Amendments, 1986, requires states to develop a system for preparation of personnel to work with infants and toddlers with disabilities and their families, and to establish personnel standards for early intervention services. A study of 10 professional associations was conducted to determine their plans for additional certification standards to include service to infants and toddlers, the kinds of training initiatives their association was planning, and what they were doing about existing personnel shortages. One organization, the Division for Early Childhood in the Council for Exceptional Children, has encouraged the establishment of certification within each state for an early childhood special educator. Five organizations (the American Nurses Association; American Occupational Therapy Association; American Physical Therapy Association; National Association of Social Workers; and American Speech, Language, and Hearing Association) have developed guidelines of best practice for professionals working with infants and toddlers. Other organizations, including the American Psychological Association, National Association of School Psychologists, American Dietetic Association, and Council of Social Work Education, have refrained from developing specific personnel recommendations. All of the organizations are encouraging and supporting inservice training oppor-

tunities. They indicate little interest in extending the length of existing training programs or adding to certification or licensing requirements. A list of 19 references is included. Appendices contain the survey questions and an annotated bibliography of 16 references on personnel preparation issues. (JDD)

ED 328 029

EC 233 243

O'Reilly, Fran E. And Others

A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families.

North Carolina Univ., Chapel Hill. Carolina Inst. for Child and Family Policy; North Carolina Univ., Chapel Hill. Frank Porter Graham Center.

Pub Date—Sep 90

Note—186p.

Pub Type—Reports - Evaluative (142) — Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Advisory Committees, *Comparative Analysis, *Disabilities, Due Process, *Early Intervention, Evaluation, Family Programs, *Federal Legislation, *Federal Programs, Handicap Identification, Health Services, Infants, Parent Education, Preschool Education, Toddlers

Identifiers—Case Management, *Education of the Handicapped Act Amendments 1986, Individualized Family Service Plans

This study analyzes major federal programs designed to provide services to children, from birth through age 2, who have developmental delays or a high probability of developmental delays, and their families. Programs were selected based on their provision of education or health-related services to infants and toddlers with handicaps and their families, and on the relevance of the program to policymakers working with Part H of Public Law 99-457, the Education of the Handicapped Act Amendments 1986. The digest includes such programs as those legislated by the Education of the Handicapped Act, Head Start Act, Developmental Disabilities Assistance and Bill of Rights Act, and Bilingual Education Act. The study also contains a comparative analysis component, which compares the statutory language of the programs for their consistency or conflict with each other and with requirements of Part H. This section assesses the programs in seven areas: identification and evaluation; individualized service plan; case management services; parent training; procedural safeguards; advisory council; and other. A digest of selected provisions of 25 major federal programs affecting infants and toddlers with handicaps and their families is presented in an appendix. (JDD)

ED 328 030

EC 233 244

Harbin, Gloria L. And Others

Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.

North Carolina Univ., Chapel Hill. Carolina Inst. for Child and Family Policy; North Carolina Univ., Chapel Hill. Frank Porter Graham Center.

Pub Date—9 Oct 90

Note—46p.; For the 1989 report, see ED 319 169.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Compliance (Legal), *Disabilities, *Early Intervention, Educational Policy, Federal Legislation, Federal Programs, Infants, Legal Responsibility, *Policy Formation, Preschool Education, Program Development, *Program Implementation, Public Policy, *State Programs, Toddlers

Identifiers—*Education of the Handicapped Act Amendments 1986, Individualized Family Service Plans

This study assesses progress made by the states, as of 1990, in the implementation of the 14 components of Part H of Public Law 99-457, the Education of the Handicapped Act Amendments 1986. Fifty out of 51 jurisdictions completed the State Progress Scale, which contains items for each of the 14 components and determines the stages of policy implementation: policy development; policy approval; and policy application. Two major messages emerged from the study: (1) that a major national effort is being made to comply with the complex set of requirements that are a part of this legislation and that status of the states has considerably improved over the first administration of the State Progress Scale a year earlier; and (2) that most states have not yet obtained official approval for their policies. The states were farthest along in establishing definitions

of developmental delay and procedures for developing individualized family service plans, a child find system, a central directory, and contracting services. Those components of the law that showed the least progress in policy development were the development of data systems, procedures for assigning financial responsibility, interagency agreements, and timely reimbursement. Instructions for completing the assessment instrument are included in an appendix. (JDD)

ED 328 031 EC 233 245

Keiter, John J.

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.

Wisconsin Univ., Madison.
Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.

Pub Date—90

Contract—90DD0149

Note—49p.; A product of the Waisman Center University Affiliated Program. For related documents, see EC 233 246-248.

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Asian Americans, Cambodians, Cultural Background, *Developmental Disabilities, Health, Higher Education, *Human Services, Individual Characteristics, *Labor Turnover, *Lao-Tians, Minority Groups, Models, *Professional Education, Program Development, Student Experience, *Student Recruitment, Vietnamese People. Identifiers—*University Affiliated Training Programs

This monograph analyzes the recruitment and retention of Asian Americans in University Affiliated Programs (UAP), which train personnel for the provision of health, education, and social services to people with developmental disabilities. It is designed to assist UAP faculty and staff at each UAP to develop a comprehensive plan to increase the participation of minority faculty and trainees, specifically South-East Asians (SEAs) who entered the United States since 1975 from Vietnam, Cambodia, and Laos. The monograph discusses cultural identifiers and terms of reference, gives a historical overview of the SEA population, and provides information on the following topics: demographics of the SEA-American population (including numbers of refugees arriving by year, cultural grouping, and birth rate); educational experiences of SEA-American students (including exposure to education prior to coming to the United States, cultural values, and college enrollment); health issues (including culturally influenced health behaviors and health care service utilization); and general characteristics of the SEA-American population (including non-assertiveness, embarrassment at receiving praise, "loss of face," diet, religion, community leadership, and family). An exemplary recruitment and retention approach is outlined, with eight main components such as outreach to SEA-American community leaders and financial, educational, and social supports for college students. Three exemplary programs are described. (16 references) (JDD)

ED 328 032 EC 233 246

Layton, Jean And Others

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.

Wisconsin Univ., Madison.
Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.

Pub Date—90

Contract—90DD0149

Note—65p.; A product of the Waisman Center University Affiliated Program. For related documents, see EC 233 245-248.

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Access to Education, *American Indians, Cultural Background, *Developmental Disabilities, Higher Education, Human Services, Individual Characteristics, *Labor Turnover, Minority Groups, Models, Personal Narratives, *Professional Education, Program Development, *Student Recruitment

Identifiers—*Native Americans, *University Affiliated Programs

This monograph addresses the recruitment and retention of Native American Indians in University

Affiliated Programs (UAP) which train personnel to provide health, education, and social services to people with developmental disabilities. It is designed to assist UAP faculty and staff to develop a comprehensive plan to increase the participation of Native American Indians. A chapter titled "Current Issues and Demographics" documents the low American Indian enrollment rate in higher education and its causes. "Identified Problems and Attempted Solutions in Education" outlines factors contributing to declining college enrollment among Native American Indians and uses a poem and a personal narrative by Native American Indians to describe the inadequacies of the education system and the cultural influences contributing to the target population's alcoholism and lack of personal goals and motivation. "Breaking Down the Barriers" focuses on three major barriers: cultural, academic, and financial. "Programming Possibilities" describes the essential components of a recruitment and retention plan: faculty involvement, financial assistance, marketing strategies, and cooperative efforts. Exemplary programs from Alaska, California, Colorado, New Jersey, New Mexico, North Carolina, North Dakota, Oregon, Texas, the Philippines, and Canada are described. A bibliography of 39 references concludes the monograph. (JDD)

ED 328 033 EC 233 247

McClain, John W.

The Recruitment and Retention of Minority Trainees in University Affiliated Programs—African-Americans.

Wisconsin Univ., Madison.
Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.

Pub Date—90

Contract—90DD0149

Note—41p.; A product of the Waisman Center University Affiliated Program. For related documents, see EC 233 245-248.

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Access to Education, Blacks, *Black Students, Cultural Background, *Developmental Disabilities, Higher Education, *Human Services, Individual Characteristics, *Labor Turnover, Minority Groups, Models, *Professional Education, Program Development, *Student Recruitment. Identifiers—African Americans, *University Affiliated Training Programs

This monograph addresses the recruitment and retention of African-Americans in University Affiliated Programs (UAP), which train personnel for the provision of health, education, and social services to people with developmental disabilities. It is designed to assist UAP faculty and staff to develop a comprehensive plan to increase the participation of African-Americans. It documents key factors contributing to the steady decline of African-American representation within undergraduate and graduate-level programs, and offers strategies for increasing the number of African-American professionals in the field of developmental disabilities. It discusses ethnic identifiers and cultural terms of reference, demographics of the African-American population, and underrepresentation in colleges and universities. A chapter on educational experiences of African-Americans describes the historic role of Anglo-American university traditions in repressing African-Americans, and examines the values, attitudes, and expectations brought to the educational experience by both students and professors. Model recruitment, admissions, and retention strategies are presented. A final section presents information on opportunities for national networking and describes exemplary recruitment and retention programs, including summer institutes. (23 references) (JDD)

ED 328 034 EC 233 248

Hickey, Carol A. Solis, Delia

The Recruitment and Retention of Minority Trainees in University Affiliated Programs—Hispanics.

Wisconsin Univ., Madison.
Spons Agency—Administration on Developmental Disabilities (DHHS), Washington, D.C.

Pub Date—90

Contract—90DD0149

Note—89p.; A product of the Waisman Center University Affiliated Program. For related documents, see EC 233 245-247.

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Access to Education, Cultural Background, *Developmental Disabilities, Higher Education, *Hispanic Americans, *Human Services, Individual Characteristics, *Labor Turnover, Minority Groups, Models, *Professional Education, Program Development, *Student Recruitment. Identifiers—*University Affiliated Training Programs

This monograph addresses the recruitment and retention of Hispanic-Americans in University Affiliated Programs (UAP), which train personnel for the provision of health, education, and social services to people with developmental disabilities. It is designed to assist UAP faculty and staff to develop a comprehensive plan to increase the participation of Hispanic-Americans. The monograph discusses ethnic identifiers and cultural terms of reference, demographics of the Hispanic population, educational experiences of Hispanics, and Hispanic underrepresentation in the health and social sciences. A number of model strategies for recruitment and retention are described, including institutional commitment and leadership, faculty commitment and sensitivity, recruitment of minority faculty, and parental involvement. Final sections discuss program evaluation and monitoring and present summary implications for UAPs. Appendices contain a list of 55 references; a bibliography of 19 additional items; a list of Hispanic higher education associations and related organizations; and descriptions of model programs in the areas of intervention, organization, and speech/language pathology and audiology with a bilingual emphasis. (JDD)

ED 328 035 EC 233 249

Davis, Brandon And Others

The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.

Pub Date—Aug 89

Contract—IR15HD23154

Note—17p.; Paper presented at the Annual Meeting of the American Psychological Association (97th, New Orleans, LA, August 11-15, 1989).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Achievement Tests, Educational Diagnosis, Educational Practices, Elementary Secondary Education, Evaluation Methods, *Handicap Identification, *Intelligence, Intelligence Quotient, *Intelligence Tests, *Learning Disabilities, Student Evaluation, Student Placement, *Test Validity

Identifiers—*Discrepancy Model, Jangle Fallacy, Wechsler Intelligence Scale for Children (Revised), Wide Range Achievement Test

The position that intelligence and achievement are essentially different measures of the same construct has often been referred to as a "jangle fallacy." Such a position challenges the present practice of placing children in learning disabilities programs based on a discrepancy between Intelligence Quotient (IQ) and achievement. This study examined scores on the Wechsler Intelligence Scale for Children-Revised (WISC-R) and the Wide Range Achievement Test (WRAT) for 1,090 children (818 boys and 272 girls) ages 8-16 from a large midwestern school district. These children were all referred for learning problems and were determined to have IQ and achievement discrepancies. Results showed an asymmetrical redundancy between measures, with 18.8% of the WRAT found to be redundant with 7.2% of the WISC-R. This finding suggests that there was little overlap between the measures of achievement and intelligence. Results were interpreted in light of the differential format of measurement instruments when used with various levels of academic ability. (21 references) (Author)

ED 328 036 EC 233 250

Golumbia, Linda R. Hillman, Stephen B.

A Comparison of Learning Disabled and Nondisabled Adolescent Motivational Processes.

Pub Date—Aug 90

Note—19p.; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Achievement, Adolescents, Affective Behavior, Attribution Theory, *Cognitive Processes, Comparative Analysis, Competence, Failure, Feedback, *Goal Orientation, High Schools, Intelligence, *Learning Disabilities, Models, Performance, Problem Solving, *Psycho-

logical Patterns, Student Attitudes, Student Development, *Student Motivation, Success

This research explored cognitive-motivational patterns of learning-disabled and nondisabled adolescents by employing the theoretical model of C. S. Dweck, which posits that a "learning goal" orients students toward the development of competence, whereas a "performance goal" orients students toward the documentation of competence, and that these different goals result in different interpretations of the achievement context. Specifically, this study examined whether the experimental manipulation of the achievement context enhanced or impaired 63 learning-disabled and 69 nondisabled adolescents' cognitions, affective responses, and task choice behavior when confronted with success and failure feedback on a complex and ambiguous problem-solving task. Data indicate that Dweck's social-cognitive model holds explanatory value for conceptualizing cognitive-motivational processes. Nondisabled adolescents were found to feel better after success and to use more low-effort attributions after failure than learning-disabled subjects. Learning-disabled subjects tended to blame inadequate ability more for their failure than nondisabled subjects did. A belief in the fixed, static nature of intelligence promoted negative affect in the face of achievement obstacles. Level of confidence mediated future challenge-seeking for adolescents who subscribe to a belief in the stable nature of intelligence. (24 references) (JDD)

ED 328 037 EC 300 000

Claus, Richard N. And Others

Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990.

Saginaw Public Schools, Mich. Dept. of Evaluation Services.

Pub Date—Aug 90

Note—59p.; Appendix J may not reproduce legibly.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Compliance (Legal), *Disabilities, Educational Legislation, Elementary Secondary Education, *Emotional Disturbances, *Handicap Identification, Preschool Education, Program Development, Program Evaluation

Identifiers—Education for All Handicapped Children Act, Saginaw City School System MI

The report describes 1989-90 activities receiving flow-through monies under Public Law 94-142 of four projects of the School District of the City of Saginaw (Michigan): (1) the Program for Severely Emotionally Impaired Students (SEI); (2) Program Expansion; (3) Project Find; and (4) the Pre-Primary Impaired Program. Among seven primary activities of the SEI program were: provision of instructional services to secondary level SEI students; provision of work experiences for the students; and maintenance of monthly contact with the parent/guardian of each student. Among three primary activities of Program Expansion were: employment of 15 special education teachers; provision of instructional services to elementary level learning disabled, emotionally impaired, educable mentally impaired, and physically and otherwise health impaired students at the elementary level; and provision of inservice training. Among four primary activities of Project Find were: screening of potentially handicapped students between the ages of 0 and 25 and establishment of contact with parents/guardians offering them appropriate referrals. The two primary activities of the Pre-Primary program were employment of a certified teacher and provision of services addressing each child's individualized educational plan. Eighteen appendices detail program statistics and characteristics. (DB)

ED 328 038 EC 300 001

Ross-Thomson, Betty

A Guide to Curriculum Planning in Arts for EEN [Exceptional Educational Needs] Students. Bulletin No. 0410.

Wisconsin State Dept. of Public Instruction, Madison.

Pub Date—90

Note—212p.

Available from—Publication Sales, Wisconsin Department of Public Instruction, 125 S. Webster St., P.O. Box 7841, Madison, WI 53707-7841.

Pub Type—Guides - Classroom - Teacher (052) —

Guides - Non-Classroom (055)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—*Art Education, Communications,

RIE JUN 1991

Curriculum Development, Daily Living Skills, *Disabilities, Drama, Elementary Secondary Education, Language Arts, Lesson Plans, Music Education, *Special Needs Students, State Standards, Teaching Methods, Theater Arts, Visual Arts

Identifiers—Wisconsin

The guide is intended to help local Wisconsin school districts develop comprehensive K-12 programs in the arts for students with exceptional educational needs (EEN). Section 1, the introduction, introduces the rationale and goals for the guide. Section 2 discusses general curriculum planning, the developmental levels of students, and the process of instructional program development. Section 3 defines and describes specific handicapping conditions and lists helpful teaching techniques for particular handicaps. Section 4 explains the procedures used to identify EEN students and outlines the role of parents/guardians, administrators, and art educators in planning an appropriate educational program. Described in Section 5 are the various programs or settings established by federal and state law to provide educational services. Section 6 emphasizes the importance of teaching not only the arts but life skills through the arts. Section 7, the longest, presents ideas, teaching activities, and lesson plans for six art forms: visual arts; media arts; music; drama and theater; movement and dance; and language arts. Section 8 focuses on assessment and evaluation of student progress. Section 9, the appendix, lists informational sources, professional organizations, and 135 references. It also summarizes relevant state standards, lists teacher preparation programs, and provides a glossary. (DB)

ED 328 039 EC 300 002

Stewart, Denise B.

A Curriculum Framework for Secondary-Aged Handicapped Students.

Georgia State Dept. of Education, Atlanta. Exceptional Students Div.; South Atlantic Regional Resource Center, Plantation, FL.

Spons Agency—Special Education Programs (ED-05ERS), Washington, DC.

Pub Date—90

Contract—300870172

Note—71p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Agency Cooperation, Curriculum Development, Educational Needs, Education Work Relationship, Graduation Requirements, Individual Differences, *Mild Disabilities, Secondary Education, Severe Disabilities, *Severe Mental Retardation, State Programs, Student Evaluation

Identifiers—*Georgia

The guide is intended to help Georgia educators develop curricula for students with mild to severe educational handicaps. Topics briefly addressed include: differing needs of secondary-aged handicapped students; accommodating the range of handicapping conditions; determining content, materials, instructional sequence and means of evaluating progress; assumptions of curriculum development for students with mild disabilities (e.g., the principles of normalization and individualization); the curriculum development process; considerations in developing curricula for students with severe or profound mental handicaps; transition from school to adult life; and instructional strategies. The major portion of the document consists of appendices providing information on: resources; the core curriculum; student assessment; graduation requirements and credentials; vocational education; and rehabilitation services. The cooperative agreement between the Georgia Departments of Education and Human Resources is included. (DB)

ED 328 040 EC 300 003

Special Education in Tanzania: Project Findings and Recommendations. Terminal Report.

United Nations Educational, Scientific, and Cultural Organization, Paris (France).

Pub Date—24 Feb 88

Note—16p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Deafness, *Developing Nations, *Disabilities, Educational Needs, Elementary Secondary Education, Foreign Countries, *Inservice Teacher Education, International Organizations, Postsecondary Education, Seminars, *Student Evaluation

Identifiers—*Tanzania

The report describes a UNESCO (United Nations Educational, Scientific, and Cultural Organization) project in Tanzania which has the following objectives: establishment of seven educational assessment and resource centers for handicapped children; establishment of four units for deaf children in ordinary schools; implementation of three training seminars for assessment teachers; and implementation of a training seminar for teachers of the deaf. The report provides information on the project's background (the country currently provides services to less than 1% of its handicapped children); objectives, major activities; the workplan; operating conditions (major transportation problems and inflation); and the project's financial status. A description of three project seminars is provided. Appendixes list project consultants, the project implementation plan, and equipment. (DB)

ED 328 041 EC 300 006

Bowd, Alan D.

Alternative Models for Integration of Exceptional Students: Administrative and Research Implications.

Pub Date—90

Note—26p.; Paper presented at the Annual Meeting of the Canadian Society for Study of Education (Victoria, Canada, 1990).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120) — Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Disabilities, *Educational Philosophy, Elementary Secondary Education, Foreign Countries, *Mainstreaming, Models, Peer Relationship, *Social Integration, Special Classes, *Student Placement

Identifiers—*Canada

The paper distinguishes American and Canadian applications of the terms "mainstreaming" and "integration" in relation to placement of exceptional children in settings which foster interaction between them and their non-handicapped peers such as regular classes in neighborhood schools. The two terms are seen to represent distinctive social constructs embedded in the cultural traditions of each country. Differing cultural contexts are examined in terms of either the "mainstream-minority" model which assumes the desirability of assimilation into the "mainstream" or the "group-integration" model which assumes a more complex configuration in which groups maintain their integrity within the larger society. Noted is the social integration model's goal of complete integration with no special classes. Stressed is the two-way process inherent in integration in which both group members (e.g., the disabled) and other group members (e.g., the non-disabled) change toward mutual adaptation. Administrative implications of the social integration model are discussed in terms of actual services provided in various Canadian provinces. Finally, Canadian research based on the integration model stressing mutual influence, learning, and adjustment in both groups is encouraged. Includes 46 references. (DB)

ED 328 042 EC 300 007

Buchik, Nancy T.

Improving the Personal Fitness of Secondary Trainable Mentally Handicapped Students through Aerobic Exercise.

Pub Date—Jul 90

Note—61p.; M.S. Practicum Report, NOVA University.

Pub Type—Dissertations/Theses - Practicum Papers (043) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Adapted Physical Education, *Moderate Mental Retardation, Needs Assessment, Physical Fitness, Program Development, Program Effectiveness, Secondary Education, Special Schools, *Student Attitudes

A program was developed to improve the physical fitness of 15 trainable mentally retarded students in a special school. Preliminary surveys of parents and teachers and observations of students indicated that the majority of students in the targeted group were physically unfit and exhibited poor attitudes about physical exercise. A daily walking/exercise program of 15 minutes was developed and implemented. Subjects walked for 3 days a week and exercised with an exercise record or video the other 2 days. Short and long term reinforcers based on walking mileage achieved were used to motivate the students. Evaluation indicated lowered resting heart

rates in 73% of the targeted group, lowered exercise heart rate in 33% of the group, and increased distance walked in 15 minutes by 53% of the group. In addition, a survey of parents, teachers, and job coaches indicated an overall improvement in attitudes of the students toward exercise. Appendices include the pre- and post-parental surveys with results, the parental consent letter, the results of resting and exercise heart rate tests, and distances walked. Includes 14 references.

ED 328 043 EC 300 008

Preschool Curriculum Guide.
Gallaudet Univ., Washington, DC. Kendall Demonstration Elementary School.

Pub Date—89

Note—330p.

Available from—Gallaudet Bookstore, 800 Florida Ave., Washington, DC 20002 (\$12.95 plus \$3.25 postage and handling).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Classroom Techniques, *Communication Skills, Concept Formation, *Hearing Impairments, *Language Acquisition, Learning Activities, Lesson Plans, *Preschool Education, Special Schools, Student Educational Objectives, Teaching Methods

Identifiers—Kendall Demonstration Elementary School DC

The curriculum guide is intended to provide a strong, comprehensive preschool program for children with hearing impairments at the special school, the Kendall Demonstration Elementary School (District of Columbia). The curriculum offers the following: (1) necessary routines for organizing the school day; (2) intensive, ongoing use of language—written, spoken, and signed; (3) ample opportunities for effective communication, both expressive and receptive, with peers and adults; and (4) an initial understanding of mathematics, science, and social studies concepts. The initial chapter provides an introduction to the program including the school philosophy and parent role. Outlined next are the scope and sequence of the preschool objectives for language, language arts, social studies, mathematics, science, social-emotional development, fine motor skills, and gross motor skills. Instructional units are then detailed for older and younger groups including lesson plans which include objectives, main ideas, materials, procedures, and evaluation procedures. Five appendices include a 31-item bibliography, the Kendall Communicative Proficiency Scale, a sample instructional unit demonstrating ways to incorporate speech and auditory training, a story unit showing the use of children's literature to teach content, and a sample science unit. (DB)

ED 328 044 EC 300 009

Multicultural Nonsexist Education in Iowa
Schools: Talented and Gifted.

Iowa State Dept. of Education, Des Moines. Bureau of School Administration and Accreditation.

Pub Date—May 90

Note—21p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Check Lists, Educational Philosophy, Elementary Secondary Education, *Gifted, *Multicultural Education, *Self Evaluation (Groups), Sex Bias, Sex Stereotypes, State Legislation, *State Programs, *Student Educational Objectives, *Talent

Identifiers—Iowa

The pamphlet is intended to help local Iowa school curriculum committees implement the gifted and talented component of their school's multicultural, nonsexist education plan. First, basic definitions of 11 terms such as "multicultural education," "giftedness," and "disadvantaged" are provided. Next, the rationale and philosophy of multicultural education is explained followed by an extract of the Iowa code providing the legal authority for the program. The 4 program goals and their associated 22 objectives are outlined next. A program self-evaluation checklist is presented next which covers program structure, program materials, and teaching strategies. An annotated bibliography of 22 resource materials, four gifted and talented serial publications, and 13 resource organizations is also provided. (DB)

ED 328 045 EC 300 010

Kluwin, Thomas N.

Consumer Motivated Research to Development:
The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired.

Gallaudet Research Inst., Washington, DC.

Pub Date—Mar 89

Note—15p.; For report #3, see EC 300 011.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*College School Cooperation, *Educational Research, Elementary Secondary Education, Emotional Development, *Hearing Impairments, Institutional Cooperation, Models, Participatory Research, Research and Development, Research Methodology, Social Development, Writing Skills

Identifiers—National Research to Development Network

The initial report of the National Research to Development Network for Public School Programs for the Hearing Impaired provides a review of objectives and process in educational research, a description of the network, and descriptions of three completed or ongoing projects. A brief history of educational research and development precedes a discussion of traditional models of school-university cooperation. Contrasted is the discursive model of interactive research which stresses reciprocity between the researcher and the researched. A seven-step process which involves participants in effective educational research is proposed to include: (1) problem identification; (2) problem definition; (3) preliminary research; (4) project development; (5) project review; (6) the pilot project; and (7) proposal development and external funding. Described next is the network of 16 programs (mostly city or county-wide school systems) providing data for a longitudinal study of public school programs. A completed project to improve writing skills of hearing impaired students through use of dialogue journals is briefly described as are ongoing projects in the areas of social and emotional adjustment of hearing impaired students and post-secondary planning. Information is also provided on putting the research team together and practical problems in implementing a discursive model of research. Includes 10 references. (DB)

ED 328 046 EC 300 011

Kluwin, Thomas N. Kelly, Arlene Blumenthal
Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired.

Gallaudet Research Inst., Washington, DC.

Pub Date—Apr 90

Note—25p.; For report #1, see EC 300 010.

Pub Type—Reports - Evaluative (142) — Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Deafness, Dialog Journals, Elementary Secondary Education, Feedback, Inservice Teacher Education, *Instructional Effectiveness, Postsecondary Education, Program Effectiveness, Student Improvement, *Teaching Methods, Training, Writing (Composition), Writing Improvement, *Writing Instruction, Writing Processes

To remedy the English composing problems of young deaf writers, 43 teachers were trained to teach writing as a process in a 2-year intervention program. Teacher workshops focused on developing a rationale for writing instruction, teaching writing as a process rather than as a product, promoting writing through dialogue journal writing, using specific rationales in the selection of writing topics, and providing clear and useful feedback to students about their compositions. To assess the program's effectiveness, students were administered writing tests (descriptive and persuasive essays and business letters) and teacher logs were analyzed. It is concluded that teaching writing as a process resulted in improvements in the writing of deaf students. Students became more fluent in their writing when the teacher's focus was not on the quality of the product and there were specific steps students could take to improve their compositions. An appendix contains scoring guides. (19 references) (JDD)

ED 328 047 EC 300 012

Kluwin, Thomas N. And Others

The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals.

Pub Date—Mar 89

Note—24p.; Paper presented at the Annual Meeting of the American Educational Research Association (San Francisco, CA, March 1989).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Dialog Journals, *Discourse Analysis, *Hearing Impairments, Human Relations, Intermediate Grades, *Peer Relationship, Secondary Education, Social Integration, Writing (Composition)

This study investigated whether dialogue journal writing between hearing and hearing-impaired writers is an effective way of developing social relations between school peers. The project involved 37 teachers of the hearing-impaired and 127 completed journals written by students, aged 10 to 18 years, with at least a third grade reading level. Completed journals were coded using a discourse analysis approach. The coding system identified the initiation or maintenance of topics, the type of topics written about, and the degree of interpersonal involvement of the correspondents. Results showed that hearing writers exhibited greater use of self-expressive responses and hearing-impaired writers showed greater use of observations. Neither group showed a preference for initiating an interest in the other. As the relationship progressed over time, the writers became more interested in each other. It is concluded that the social and emotional benefits of journal exchanges between hearing and hearing-impaired school-aged writers are substantial to both sides of the exchange. (11 references) (JDD)

ED 328 048 EC 300 013

Kluwin, Thomas N. Papalia, Julie

The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children.

Pub Date—Mar 89

Note—12p.; Paper presented at the Annual Meeting of the American Educational Research Association (San Francisco, CA, March 1989).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Comprehension, Elementary Education, Evaluation Methods, *Hearing Impairments, Knowledge Level, Language Acquisition, Language Processing, Pictorial Stimuli, Picture Books, Prediction, Recall (Psychology), Residential Schools, Special Programs, Special Schools, Story Grammar, *Story Telling, Teaching Methods

Identifiers—*Question Answering, Question Types
Thirty hearing-impaired children at a residential school for the deaf, a day school for the deaf, and a day program for the deaf in a regular public elementary school were shown picture books, asked to tell the story, and asked to respond to specific questions. Results showed that the ability to process questions was related to the structure of the information the respondent held. The ability to process simple identification questions was related to the presence of the response within the immediate environment, while the ability to comprehend questions involving predictions about events in a narrative not immediately present were related to the ability to retrieve the salient elements of the narrative. Questions involving the recall of detailed information or questions about causal relationships appeared to be dependent on the ability to retain more than the salient events of the narrative. It is concluded that simple linear curricula or testing procedures that are built on syntactic structures alone will not be accurate predictors of the hearing-impaired child's real ability or effective instructional devices. More global models of language development and processing are needed. (8 references) (JDD)

ED 328 049 EC 300 014

Kluwin, Thomas N.

Effective Teaching of Hearing Impaired Students in Different Environments.

Pub Date—Mar 89

Note—11p.; Paper presented at the Annual Meeting of the American Educational Research Association (San Francisco, CA, March 1989).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Achievement, Classroom Techniques, Educational Practices, *Hearing Impairments, *Instructional Effectiveness, *Mainstreaming, *Mathematics Instruction, Secondary Education, *Special Classes, Student Placement, Teaching Methods

This study sought to determine effective instructional practices for hearing-impaired students in mainstreamed and special classes. It involved a survey of 63 secondary mathematics teachers (with an 87% response rate), teacher logs of assignments and class work, and live observations. The study found no main effect for type of classroom (mainstreamed or special), achievement level of the class, or for 10 classroom process variables (such as positive feedback, homework frequency, and degree of individualization.) There was no interaction effect for the type of placement and the level of achievement. There was an interaction between the type of placement and the process variables, but no interaction effect between process variables and achievement. It appeared that successful mainstream placement may be defined by a greater degree of oral presentation and less seatwork, while a successful special class may be defined by less teacher talk and more seatwork. It is concluded that effectiveness was not found to be identical in the two situations, but the specific differences could not be clearly established. (14 references) (JDD)

ED 328 050 EC 300 015

Kyung-won, Jeon
Gifted Learning Disabled and Gifted Underachievers: Similarities and Differences.

Pub Date—Aug 90
Note—19p; Paper presented at the Southeast Asian Regional Conference on Giftedness (1st, Manila, Philippines, August 14-19, 1990).

Pub Type—Speeches/Meeting Papers (150) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Comparative Analysis, *Diagnostic Teaching, *Educational Diagnosis, Elementary Secondary Education, Etiology, *Gifted Disabled, Handicap Identification, Mentors, Student Characteristics, Teaching Methods, *Underachievement

This review addresses the characteristics and needs of gifted learning disabled (GLD) and gifted underachieving (GUA) students and provides educational strategies for both groups. A section on the GUA describes these students' unique personal, social, and family characteristics and notes that underachievement is more prevalent among boys than girls. Educational methods for working with the GUA include bibliotherapy and study skills instruction. In chart form, characteristics of GLD are contrasted with characteristics of children with high intelligence and high motivation. Educational implications for serving GLD students involve improving communication between teachers of the gifted and teachers of the learning disabled, developing compensatory skills, and providing proper placement and programming. As the concept of learning disability has become synonymous with underachievement, the problem in identifying the GUA and GLD becomes complex. Education for both groups can be helped through mentorships. The paper concludes that the etiology of learning difficulty and underachievement is different, that learning disabilities do not always contribute to underachievement or low achievement, and that GLD should not be identified as GUA. (43 references) (JDD)

ED 328 051 EC 300 016

Kyung-Won, Jeon
Counseling and Guidance for Gifted Underachievers.

Pub Date—Aug 90
Note—18p; Paper presented at the Southeast Asian Regional Conference on Giftedness (1st, Manila, Philippines, August 14-19, 1990).

Pub Type—Speeches/Meeting Papers (150) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academically Gifted, *Counseling Techniques, Counselor Characteristics, Educational Counseling, Elementary Secondary Education, Models, *School Guidance, Underachievement

This review examines literature on counseling techniques for use with gifted underachievers (GUA). The review begins with a discussion of definitions of underachievement and the various types

of underachievement. The paper then evaluates types of counseling, counselor variables, length of counseling intervention, and grade level of counseling. Strategies for meeting the needs of GUA are reviewed, including bibliotherapy, study skills instruction, and mentorships. A counseling model is proposed that includes identifying the type of underachievement (temporal or chronic); the characteristics requiring intervention (psychosocial, academic, and career); the type of counseling (individual, group, or family); and the counseling approach (person-centered, rational-emotional, reality, or other). (40 references) (JDD)

ED 328 052 EC 300 017

Naidoo, R. M.
Special Education in South Africa—Who Plays God?

Pub Date—Oct 90
Note—10p; Paper presented at the Council for Exceptional Children Symposium on Culturally Diverse Exceptional Children (Albuquerque, NM, October 18-20, 1990).

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Access to Education, Apartheid, Delivery Systems, Developed Nations, Developing Nations, *Disabilities, Educational Change, Educational Discrimination, Educational Policy, Elementary Secondary Education, Family Programs, Foreign Countries, *Handicap Discrimination, *Mainstreaming, *Public Policy, Racial Segregation, Special Education, Special Needs Students

Identifiers—*South Africa
Public policies towards special needs persons in advanced countries have improved tremendously over the last 20 to 30 years, whether the concept is described as mainstreaming, integration, or normalization. Both educational and family policies are changing, with educational policies emphasizing free and appropriate education in the least restrictive environment, and family policies considering the family as central rather than tangential to the service delivery system. However, in South Africa, children within each race group are segregated into able and disabled children. Children with severe to profound degrees of disability are excluded from free and compulsory education. School attendance for them depends on the availability of special day or residential schools. The task of soliciting funds for meals and living expenses falls to the child, his/her family, and school personnel. Policy changes are needed to improve special education services; these changes include ending the differentiation of educational rights based on skin pigmentation and adopting a "free education for all" policy. (14 references) (JDD)

ED 328 053 EC 300 018

Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book.
Neilson Associates Pty. Ltd., Melbourne (Australia).

Spons Agency—Victoria Dept. of Community Services, Melbourne (Australia). Office of Intellectual Disability Services.

Report No.—ISBN-0-7241-9197-6

Pub Date—Aug 88

Note—169p; For related documents, see ED 325 986-987.

Pub Type—Reports - Descriptive (141) — Numerical/Quantitative Data (110) — Tests/Questionnaires (160)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Day Programs, *Delivery Systems, Employment Programs, Foreign Countries, Independent Living, Individual Characteristics, Institutionalized Persons, *Long Range Planning, *Mental Retardation, *Program Development, *Rehabilitation, Residential Institutions, Training, Vocational Education

Identifiers—*Australia (Victoria)

This databook for the final report of the 10-year plan to redevelop services for individuals with intellectual disabilities in Victoria, Australia, presents results of three studies. The major study provides a functional profile of people with intellectual disabilities living in State-run institutions (Residential Training Centres) or attending Adult Day Training Centres (ADTCs). On a statewide basis, data are analyzed in terms of numbers and gender, age range, length of institutionalization or other living arrangement, family contact, secondary disabilities, and skill strengths in activities of daily life. Similar pro-

files are then offered for each of 10 individual training centers. The second study offers the views of 1,348 adults with intellectual disabilities living in institutions, toward proposals put forward in the interim report of the 10-year planning process. Respondents indicated that key issues in the redevelopment of intellectual disability services were access to community housing, employment, and further education. The third study presents, in summary form, a picture of the diversity of programs provided to clients by the ADTCs, such as vocational, pre-vocational, independent living skills, socialization, behavior management, paramedical services, recreation, and transport. A working paper relating to the prevalence of intellectual disabilities in Victoria is also included. An appendix contains a client profile checklist. (four references) (JDD)

ED 328 054 EC 300 019

Greenwood, Charles R. Arreaga-Mayer, Carmen
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report.
Kansas Univ., Lawrence. Dept. of Special Education.

Spons Agency—Department of Education, Washington, DC.

Pub Date—Jul 90

Contract—G008630071

Note—26p; For related documents, see ED 288 296-297.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Disabilities, *Educational Research, Elementary Secondary Education, Higher Education, *Leadership, *Minority Group Children, Postdoctoral Education, Program Development, Program Effectiveness, Program Evaluation, Researchers

Identifiers—*Juniper Gardens Children's Project

This final report describes a federally funded project which provided post-doctoral training in research with minority, handicapped children at the Juniper Gardens Children's Project, University of Kansas. Covered in the report are the project's objectives, philosophy and assumptions, results, training activities, activities completed, program evaluation procedures, and an analysis of project impact. A case description of a particularly prolific post-doctoral trainee is also presented. Evaluation data indicate that, individually and as a group, project trainees were participating heavily in research-oriented activities. All 18 trainees were engaged in work directly related to teacher training and service delivery to minority group handicapped children and their families. Trainees also showed excellent productivity in terms of publications, grants funded, and other indicators of research leadership. (22 references) (JDD)

ED 328 055 EC 300 020

Comprehensive System of Personnel Development, 1988-89 CSPD Report.
Delaware State Dept. of Public Instruction, Dover.

Exceptional Children/Special Programs Div.
Pub Date—[89]

Note—66p; Poor quality type in appendices (22 pages).

Available from—Bureau of Archives and Records, Hall of Records, P.O. Box 1401, Dover, DE 19903 (microfiche; "Document 95-0189-12-04").

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Disabilities, Educational Legislation, Elementary Secondary Education, Federal Legislation, Inservice Teacher Education, Legal Responsibility, Needs Assessment, Postsecondary Education, Qualifications, *Staff Development, State Programs, State Standards, Teacher Qualifications

Identifiers—*Comprehensive System of Personnel Development, *Delaware, Education for All Handicapped Children Act

This report describes specific requirements of Public Law 94-142 concerning the establishment of a Comprehensive System of Personnel Development (CSPD) to ensure that qualified personnel deliver appropriate educational and related services to handicapped children and youth in Delaware. Various components of the CSPD are reviewed, including the scope of the system, participation, needs assessment, inservice training plans, dissemination of information derived from research and demonstration projects, promising educational practices,

and evaluation. Appendices contain a copy of the training needs survey, aggregate data on training priorities and sub-categorical preferences, and training priorities by program or teacher type. (JDD)

FL

ED 328 056

FL 018 884

Hakuta, Kenji

An Interview with Werner F. Leopold.

California Univ., Santa Cruz. Bilingual Research

Group.

Report No.—BRG-89-07

Pub Date—89

Note—22p.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Bilingualism, *Child Language, Educational History, *Interviews, Language Research, Personal Narratives, *Researchers

Identifiers—*Leopold (Werner F)

A 1983 interview with Werner F. Leopold (1896-1984), a key figure in the study of bilingualism and child language, is presented. An introductory section gives some background to the interview. The discussion itself reviews Leopold's personal and professional background, work, and writing, and focuses largely on the linguistic development of Leopold's daughter, on which much of his work was based. Mrs. Marguerite Leopold, Warner Leopold's wife, who was present at the interview, contributed several comments. (MSE)

ED 328 057

FL 018 903

Gold, Lanny

Suggestopedia: Activating the Student's Reserve

Capacities.

California Univ., Santa Cruz. Bilingual Research

(France). National Council of Suggestology, Paris

Pub Date—[85]

Note—22p.

Pub Type—Reports - Evaluative (142) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Education, Classroom Environment, Classroom Techniques, *Cognitive Processes, *Curriculum Design, Foreign Countries, Grammar, Instructional Effectiveness, Language Attitudes, Language Teachers, Language Tests, Music, Postsecondary Education, Role Playing, Second Language Instruction, Student Attitudes, *Suggestopedia, Teacher Role

An article on the suggestopedic method for adult second language instruction describes the learning processes emphasized in the method and outlines the instructional processes used. The approach is based on the creation of a pleasant, relaxing, and stimulating environment where all information has positive emotional content, and uses subconscious programming of both student perceptions and course content. General and specific examples are given. The structure of a suggestopedic course for adults is described, including the physical environment of the classroom, scheduling of lessons and activities, student adoption of new identities for the duration of the course, the text and its distribution, and content of the dialogues. One dialogue is presented for illustration. Phases of student contact with the text are outlined, including: (1) the "activate concert" phase, during which the text is presented to the accompaniment of classical music, followed by a day of activities and games that emphasize communication; (2) the "passive concert," during which the student just listens as the teacher again reads the text to the accompaniment of classical recordings; and (3) the adaptation phase, with emphasis on oral comprehension, written comprehension, and written expression. The functions of testing and grammar are examined briefly, and the teacher's role is analyzed. (MSE)

ED 328 058

FL 018 909

Johansen, Barry-Craig P. And Others

Enhancing Teacher Performance in Spanish Ele-

mentary Classes. Volume One. Final Report.

Minnesota Univ., St. Paul. Dept. of Vocational and

Technical Education.

Spons Agency—Department of Education, Wash-

ington, DC.

Pub Date—[90]

Contract—R168-F800008

Note—394p.; Volume Two "Translated Units," see

FL 018 910.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC16 Plus Postage.

Descriptors—Achievement Tests, Curriculum Development, Elementary Education, *Elementary School Curriculum, *FLIES, *Immersion Programs, *Instructional Improvement, Language Arts, Language Teachers, Program Descriptions, Program Effectiveness, Science Instruction, Second Language Instruction, *Spanish, Surveys, *Teacher Effectiveness, Teaching Skills, Worksheets

Identifiers—*Content Area Teaching, Minnesota Public Schools MN

A two-year program, designed to improve the elementary school Spanish language partial immersion program in the Minneapolis Public Schools, is described. Program objectives included the improvement of teacher skills and satisfaction, preparation of instructional materials in science and language arts, enhancement of student learning and satisfaction, and long-range planning for program and curriculum development. Activities and accomplishments of the project's first year are described. Seven specific objectives and methods for measuring outcomes were established. Efforts focused on two distinct areas, team-building and language skills. Literature is reviewed in both areas and the specific project activities in the second year are described, including initial and final teacher attitude surveys, day-long workshops with follow-up sessions, development of individualized learning plans, teacher language practice sessions, curriculum development workshops, translation of instructional units, development of language skills in the upper elementary grades, and student achievement testing. Fifteen specific conclusions and 12 recommendations for improvement are offered. (MSE)

ED 328 059

FL 018 910

Johansen, Barry-Craig P. And Others

Enhancing Teacher Performance in Spanish Ele-

mentary Classes. Volume Two: Translated Units.

Final Report.

Minnesota Univ., St. Paul. Dept. of Vocational and

Technical Education.

Spons Agency—Department of Education, Wash-

ington, DC.

Pub Date—[90]

Contract—R168-F800008

Note—703p.; Volume One "Final Report," see FL

018 909.

Language—Spanish; English

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC29 Plus Postage.

Descriptors—Biology, Class Activities, Electricity, Elementary Education, *Elementary School Curriculum, Estimation (Mathematics), Illustrations, Immersion Programs, Instructional Materials, *Mathematics Materials, Microscopes, *Science Materials, Scientific Methodology, Space Sciences, *Spanish, Units of Study

Identifiers—*Minneapolis Public Schools MN

Spanish translations of 19 of the Minneapolis (Minnesota) Public Schools' elementary school science units are presented. The materials were translated for use in a partial immersion program. Unit topics include, among others: magnets, organisms (grade 1), seeds and plants (grade 1), butterflies (grade 2), electricity (grade 3), the food chain (grade 3), current electricity (grade 5), microscopes (grade 5), estimation (grade 6), and space travel. Units are designed based on a three-stage learning cycle of exploration, concept labeling, and concept application. Unit contents vary, but generally include text, class activities, materials lists, blackline masters, illustrations, book lists, instructional hints, and related instructional materials. Most of the text and exercises are in Spanish, with some English. (MSE)

ED 328 060

FL 018 940

van Els, Theo J. M.

Foreign Language Policy-Making from a Dutch

and European Point of View.

Pub Date—12 Oct 90

Note—28p.; Paper presented at the Public Policy

Series, the National Foreign Language Center

(1st, Washington, DC, October 12, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Agency Role, Elementary Secondary Education, English (Second Language), Foreign Countries, French, German, *International Organizations, *Language Planning, Language Research, *Language Role, National Programs, *Policy Formation, *Political Influences, *Public

Policy, Second Language Instruction

Identifiers—Council of Europe (France), European Community, *Netherlands

A discussion of public language policy formation focuses on the situation in the Netherlands and Europe. First, a number of considerations in the formation of second language instruction policy are reviewed, including determination of content, conditions of instruction, and languages to be taught. The Dutch national program for foreign language instruction is described. The program was designed to enhance language instruction, in response to concern about the foreign language competence and projected language competence needs of the Dutch population. Some of the program's policy recommendations are summarized, including those concerning the role of language instruction in the overall education system, how to divide language instruction within and outside the formal education system, regulatory measures, and adjustment of objectives to match language needs. The political perspectives of two international organizations, the Council of Europe and the European Community, are also outlined. It is concluded that a policy for language instruction should be established separate from general educational policy and general language use policy, and that the role of central authorities, governmental and organizational, may vary a great deal. A brief list of references, data on Dutch children's language competence, and a policy-formation checklist are appended. (MSE)

ED 328 061

FL 018 982

Safy, Adel

Insights from the French Immersion Experience in

Canada.

Pub Date—Nov 90

Note—17p.; Paper presented at the Annual Meeting of the American Council on the Teaching of Foreign Languages (24th, Nashville, TN, November 17-19, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Communicative Competence (Languages), *Educational Environment, Elementary Secondary Education, Foreign Countries, *French, *Immersion Programs, Learning Processes, Program Effectiveness, Public Opinion, *Second Language Programs, Student Characteristics, Teacher Characteristics, Teaching Methods

Identifiers—*Canada

Canada's French immersion program began in 1965 in response to anglophone parent demand for bilingual French/English instruction. Instruction entirely in French begins in kindergarten, and formal English instruction begins in third grade. The program's popularity has caused rapid expansion, with success attributed to changing attitudes toward second language learning, growing acceptance of Canada's bilingual character, empirical research about the benefits of bilingualism, and perception of the role of bilingual competencies in socio-economic mobility in Canada. Most immersion students are anglophones, most teachers are native francophones, and parents are actively involved. The instructional approach used emphasizes the communicative function of language. Five major immersion principles are applied, including: (1) it is possible to recreate in the school a natural imitative environment resembling that of first language acquisition; (2) early second language exposure is most effective; (3) learning a language is learning to use the language; (4) language similarities and transfer of knowledge are more significant than interferences in language learning; and (5) children are more interested in content than in the form of instruction. While French immersion is based on a curriculum identical to that of English-language instruction, the immersion classroom can also act as a meeting point of different cultures. (MSE)

ED 328 062

FL 019 004

Hall, Ernest

Variations in the Composing Behaviors of Aca-

demic ESL Writers in Test and Non-Test Situa-

tions.

Pub Date—Jan 91

Note—37p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Students, Comparative Analysis, English (Second Language), *English for Academic Purposes, *Essay Tests, Foreign Countries, Graduate Students, Higher Education, Individual Characteristics, Individual Differences, Second Language Instruction, *Test Anxi-

ety, *Writing (Composition), *Writing Apprehension, *Writing Processes

While research on the composing process has revealed great variation among writers and among types of writers, research has largely ignored fluctuation in the writing behaviors of a single writer. A study contrasted both texts and behaviors of six graduate and undergraduate students of English as a Second Language (ESL) as they wrote a practice essay test with their texts and an actual English composition proficiency examination. Fluctuations were observed in the complexity of the texts generated, in the allocation of time to complete various activities, in the writers' pausing behaviors, and in the type of alterations made while writing. In addition, the six writers displayed six unique profiles. Results suggest that assessment needs to distinguish writing problems from language problems and that instructional processes need to attend to composing behaviors, accommodating students who are apprehensive about writing or anxious about tests. The findings also reinforce the long standing concern about the validity of assessing writing skills with a single writing sample. (Author/MSE)

ED 328 063 FL 019 019

Rhedding-Jones, Jeanette
Feminism for Girls: Linguistic Practice in Rural Australia.

Pub Date—Apr 90

Note—32p; Paper presented at the Meeting of the World Congress of Applied Linguistics sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Children, Discourse Analysis, *Educational Environment, Elementary Education, Females, Foreign Countries, Language Research, *Language Role, Language Usage, Oral Language, Research Methodology, Rural Areas, *Sex Role, *Socialization, *Womens Education, Written Language

Identifiers—*Australia

A study investigated the effects of the language used in the school environment on girls' perspectives on femininity. Subjects were aged 4-11, and were the only girls in a small rural Australian school. Data were gathered by analysis of spoken and written language used in the classroom. Analysis focused on relationships and socialization as reflected in language use. The texts discussed include stories written by the girls and transcripts of conversations. Style of writing, perceptions of their own role in the world, awareness of the future, the influence of popular fiction, differing relationships with different adults, and awareness of others' attitudes about women are examined. It is concluded that in all the language samples, the relationship between language and social structure is apparent, and that the encoding and transmission of culture occurs through language. Construction of text can either maintain the status quo or allow for change. Linear, non-linear, and non-structural aspects of text are all viewed as essential considerations. (MSE)

ED 328 064 FL 019 028

Tilfas, Salpasr Spencer, Mary L.

Kosrae Title VII Bilingual Education Program.

Grades 7-9, 1986-1989. Final Program Evaluation Report.

Kosrae Dept. of Education (Federated States of Micronesia).

Spons Agency—Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Pub Date—Jan 90

Note—84p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Academic Achievement, *Bilingual Education Programs, Classroom Observation Techniques, Community Involvement, Ethnography, Federal Programs, Foreign Countries, Grade 7, Grade 8, Grade 9, *Material Development, *Parent Participation, Program Effectiveness, Program Evaluation, School Community Relationship, Secondary Education, *Staff Development, *Transitional Programs

Identifiers—*Federated States of Micronesia (Kosrae)

The Kosrae (Micronesia) Department of Education operated a Title VII transitional bilingual education program from 1986-89, targeting the 1986-87

cohort of seventh graders. During the first 2 years, the students attended five village elementary schools, and during the third year attended the high school. This cohort had been targeted in previous bilingual education programs. The four program components were student achievement, material development, staff development, and parent and community involvement. A formative process and product evaluation was conducted by an evaluation team. This report contains the results of the evaluation both in summary form, including findings of program effectiveness and specific recommendations for program improvement, and in full report form. A section on student achievement looks at results in English speaking, listening, and reading; Kosraean reading comprehension; and supplementary English testing. Data on classroom observation includes information gathered on each teacher's performance and in ethnographic school observations. Staff development results include data on professional experience and attitudes from a survey of teachers and descriptions of 1989 staff development events. Parent and community involvement events and advisory council activities are described, and a section on material development outlines curricular materials in progress, completed, and purchased for the program. A transcript of the ethnographic observation is appended. (MSE)

ED 328 065 FL 019 029

Pinard, Minola A.

Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173.

Laval Univ., Quebec (Quebec). International Center for Research on Bilingualism.

Pub Date—90

Note—186p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—*Age Differences, Bilingualism, Consonants, *English (Second Language), Foreign Countries, French, Language Research, *Learning Processes, Linguistic Theory, *Second Language Learning, *Sex Differences, Skill Development, *Speech Skills

Four studies were conducted in which subjects performed three sets of tasks tapping, in a standard format, progressively refined, non-linguistic processes in speech processing. The studies examined the following: (1) auditory versus phonetic processes in the discrimination of consonants; (2) auditory versus phonetic processes in loudness and pitch judgments; (3) auditory versus phonetic processes in the categorization of consonants; and (4) phonetic processes in the categorization of consonants. Subjects were male and female Canadian francophones of different ages and varying degrees of knowledge of English. The third study gave the clearest results, allowing dichotomization into two separate processes by finding differential patterns of development for two tasks. It was possible to postulate that the processes were linguistic and non-linguistic by finding the expected specific patterns of development, specific patterns of sex by age similarities and differences, differential patterns of correlation between degree of bilingualism and consonant contrasts, and, unexpectedly, a different pattern of performance on one contrast, all according to task. Results are discussed mainly in relation to other experiments on the phonetic mode. A 90-item bibliography and substantial appended materials concerning the design and results of the studies are included. (Author/MSE)

ED 328 066 FL 019 030

Young, Malcolm B. And Others

Instructing Children with Limited English Ability.

Year One Report of the National Longitudinal

Evaluation of the Effectiveness of Services for

Language-Minority Limited-English-Proficient

Students.

Development Associates, Inc., Arlington, Va.; Research Triangle Inst., Research Triangle Park, N.C.

Spons Agency—Department of Education, Washington, DC. Office of Planning, Budget, and Evaluation.

Pub Date—Jun 86

Contract—300-83-0300

Note—404p.

Pub Type—Reports - Evaluative (142) — Collected

Works - General (020)

EDRS Price - MF01/PC17 Plus Postage.

Descriptors—English (Second Language), *Family Characteristics, Grade 1, Grade 3, Institutional Characteristics, *Limited English Speaking, Pri-

mary Education, *Program Design, Program Effectiveness, Program Evaluation, *Pupil Personnel Services, *Student Characteristics

Identifiers—Language Minorities

Data collected during the first year of a 3-year study are reported. The study evaluated the effectiveness of a variety of special services provided to approximately 10,000 language-minority limited-English-proficient first- and third-grade students in English-medium classrooms in a national sample of 18 school districts. Services studied are not limited to those funded under any one program or by any single source. The present report summarizes the characteristics of the study's students, services, and schools. The first chapter offers background information, and the second chapter gives an overview of the study's design and implementation. Chapters 3-9 discuss the following topics: home and parent characteristics (family background, home language use, parent interest in education, and relationships among these characteristics); student characteristics (demographic, oral language proficiency, and academic aptitude); the school context (student body characteristics, academic climate, school language environment, provision of relevant teacher training, principal involvement, attitudes of non-language-minority parents, and program exit and entry policies and practices); elements of instructional services (language of instruction, curriculum design, materials, and staff); service clusters and sequences; student academic performance; and "other outcomes." The final chapter summarizes the findings and discusses implications. A 66-item bibliography is included. Appendixes include a glossary, a description of test scores and variables, an explanation of methodology, and technical analyses of two tests. (MSE)

ED 328 067 FL 019 031

Carfora, Juanita Carfora, Lolita

En otras palabras: Illustrated Grammatical Concepts and Communicative Activities.

Pub Date—86

Note—84p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Class Activities, Communicative Competence (Languages), *Grammar, Listening Skills, *Second Language Instruction, Skill Development, *Spanish, Speech Skills, *Verbs, Visual Aids, *Vocabulary Development, Writing Skills

This manual, designed for teachers of Spanish as a second language, contains visual aids to illustrate certain grammatical concepts and related vocabulary. The manual consists of 30 tear-out blackline masters, each containing one to six separate cartoon pictures, to be used for classroom or homework activities in any sequence. Accompanying each master are lists of suggested captions and vocabulary. Thirteen of these masters are designed to serve as visual stimuli for the preterite and imperfect tenses (four for "hacer" in expressions of time), five pictorialize "ser" and "estar" with past participles, three illustrate reflexive and non-reflexive constructions, and nine consist of a series of sequential drawings for storytelling or "how-to" activities. These grammatical constructions were selected because they cause some problems for students, lend themselves to pictorial representation, and are not adequately illustrated in textbooks. The illustrations depict both everyday activities and episodes in people's lives, and may be used at any skill level. An introductory section offers instructional suggestions on each section to the teacher. (MSE)

ED 328 068 FL 019 032

Brookes, Gay, Ed. Gantzer, Jack, Ed.

Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986).

City Univ. of New York, NY. Instructional Resource Center.

Pub Date—87

Note—59p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Classroom Techniques, *Cognitive Processes, Diaries, *English (Second Language), Fables, Higher Education, Instructional Materials, Interpersonal Communication, Language Research, Language Tests, Literature Appreciation, Media Selection, Native Speakers, Poetry, Reading Comprehension, *Reading Instruction, *Reading Research, Reading Strategies, Second

Language Instruction, Writing Processes
Identifiers—City University of New York, *Vy-
gotzky (Lev S)

Papers presented at the City University of New York's English-as-a-Second-Language (ESL) Council conference on the relationship between text and context in college second language instruction include the following: "Reading Research: New Directions and Implications for ESL" (M. Trika Smith-Burke); "Two ESL Readers: Case Studies of Reading Comprehension Strategies" (Ellen L. Block); "Reading, an Essential Part of the Writing Process" (Gay Brookes, Martha Clark Cummings, Jean Withrow); "Easy Doesn't Do It: Introducing ESL Readers to 'Real English'" (Nancy Erber Cadet); "Aesop's Double Takeouts" (Mary J. Regan); "Two Walks: Ways of Presenting Poetry" (Jean McConochie); "Vygotsky's Theory of Cognitive Processing: A Possible Grounding for Second Language Acquisition Research" (Gay N. Washburn); "Vygotskian Theory and Language Testing" (Jack Gantzer); "Person to Person: Structured Conversations between ESL Students and Native Speakers" (Carol Montgomery); and "A Writer's Strategy for Talkers: The Oral Journal" (Sally Mettler). (MSE)

ED 328 069 FL 019 033

Research, Classroom Practice, Programs, Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987).

City Univ. of New York, NY. Instructional Resource Center.

Pub Date—88

Note—54p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Alienation, Classroom Techniques, College Bound Students, Developmental Studies Programs, Difficulty Level, Dropout Prevention, *English (Second Language), Group Dynamics, Higher Education, *Instructional Effectiveness, *Limited English Speaking, Personal Autonomy, Program Descriptions, *Reading Instruction, Second Language Instruction, Second Language Learning, Story Telling, *Success, Syntax, Teamwork, Vocabulary Development, *Writing Instruction

Identifiers—City University of New York, Content Area Teaching

Papers presented at the City University of New York's English-as-a-Second-Language (ESL) Council conference on maximizing the chances for success of limited-English-proficient college students include the following: "Thresholds, Alienation, and Syntax" (Geoffrey Summerfield); "Storytelling: Starting with the Familiar" (A. Duku Ankye); "Teachers Talk about Reading and Writing Connections" (Jean Withrow, Gay Brookes, Martha Clark Cummings); "Student Autonomy and Group Reliance in an ESL Reading/Writing Course" (Jack Gantzer, Nancy Erber Cadet); "Learning Vocabulary through an Academic Subject: A Case Study" (Kate Parry); "What Happens beyond the Developmental Writing/ESL Course?" (Trudy Smoke); "Person to Person: The Stay in School Partnership Program" (Miriam Eisenstein, John Devine, Timothy Ebsworth, Judith Horvath, John Mancuso, Lauren Stunstein); "Language Facilitation: A Way of Improving the Odds" (Carlos Yorio, Pilar Enright, Elaine Klein); "Improving Learning by Teaching from Students' Strengths" (Adele MacGowan); "The Model and Its Variations: The Pre-Freshman Summer Program of CUNY's Office of Special Programs (SEEC & College Discovery)" (Frank Kehl). A report of a panel discussion on "Improving the Odds" concludes the document. (MSE)

ED 328 070 FL 019 034

Carr, Richard. And Others
Conference Groups in the Writing Center: Shared Resources.

Pub Date—Nov 90

Note—15p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Case Studies, Course Descriptions, Curriculum Development, *English (Second Language), *Film Study, *Freshman Composition, Higher Education, Program Descriptions, Small Group Instruction, *Tutorial Programs, *Writing Instruction, *Writing Laboratories

Identifiers—University of Minnesota

One of the University of Minnesota's two writing

tutorial programs, Composition 1013, constitutes the second quarter of freshman composition and is designed as an option for students with specialized writing needs, such as students of English as a Second Language (ESL). The course is perceived by students as remedial, and instructors do not feel the approach is successful. Student and teacher roles are ill-defined, students do not have adequate writing models, and the one-to-one structure can create over-dependence on the instructor. Changes were undertaken to make the course more dynamic, to give students confidence, and to take pressure off students and instructors. The resulting alternative course design includes weekly conference group meetings made up of three students and weekly individual student-instructor sessions. A class for ESL students only was piloted first. Unit topics included ideal careers, career-related communication needs, and narratives based on students' home cultures. The course improved student confidence, productivity, and skills. However, class homogeneity made peer modeling difficult. A similar class for native speakers focused on writing about movies, including expression of personal reactions to films, critical reading and analysis, and research and analysis. The new format has been found generally successful, and the course is being re-offered with some modifications. (MSE)

ED 328 071 FL 019 036

Schils, Erik. Welten, Bert

Modelling and Assessing Foreign Language Loss.

Pub Date—91

Note—13p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Cloze Procedure, Foreign Countries, *French, *Language Maintenance, *Language Proficiency, Language Research, *Language Skill Attrition, *Language Tests, Linguistic Theory, Models, Multiple Choice Tests, Secondary Education, Second Language Learning, *Test Format, Testing, Vocabulary

Identifiers—*Netherlands

A study investigated the retention and loss of school-learned foreign language skills. Subjects were 150 students of Dutch secondary schools with 4 or 6 years of French language instruction and 0, 2, and 4 years of disuse. Nine tests of general language proficiency, listening and reading comprehension, phonology, vocabulary, and grammar were administered. Analysis of the results indicates that: (1) some integrative tests may be more sensitive than others to changes in universal language proficiency; (2) the multiple choice cloze test used here was a more valid indicator of French proficiency than the listening and reading comprehension tests; (3) the cloze test failed to reveal loss of vocabulary or grammar; and (4) contrasts in the design-dependent and design-independent analyses imply a need to separate validity and reliability studies of language tests from their application in research or education. A brief list of references is appended. (MSE)

ED 328 072 FL 019 037

Read, John

The Validity of Writing Test Tasks.

Pub Date—Apr 90

Note—16p.; Paper presented at the Regional Language Centre Seminar (Singapore, April 9-12, 1990).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—English for Academic Purposes, Foreign Countries, Higher Education, Language Proficiency, *Language Tests, *Prior Learning, Second Language Instruction, Second Languages, *Test Format, *Test Items, *Test Validity, Writing Exercises, *Writing Tests

Identifiers—*Victoria University of Wellington (New Zealand)

This paper, a discussion of the use of written tests to assess second language proficiency and achievement, considers what constitutes a valid writing test task and addresses three questions: (1) To what extent is performance influenced by prior knowledge about the topic? (2) Does it make a difference how the writing task is specified on the test paper? and (3) Do different types of tasks produce significant differences in the performance of learners in a writing test? Three task types varying in the amount and nature of content material provided as part of task specification are distinguished: independent tasks, guided tasks, and experience tasks. A test developed

at the English Language Institute of Victoria University (New Zealand) and administered to foreign students before they begin study consists of three tasks, one guided, one guided/experience, and one clearly an experience task. It is proposed that while classification by task type focuses attention on one important dimension of writing test tasks—namely, the extent to which they provide content support for test-takers—other factors in task validity must be considered, including the amount of guidance given concerning the quantity and form of text expected, the clarity of task definition, the choice of general versus field-specific topic, and assessment focus on product rather than the process of writing. Several approaches to increasing writing test validity are suggested. (MSE)

ED 328 073 FL 019 038

Kitao, Kenji

A Study of Japanese and American Perceptions of Politeness in Requests.

Pub Date—Mar 90

Note—36p.

Journal Cit—Doshisha Studies in English; n50

p178-210 Mar 1990

Pub Type—Reports - Research (143) — Journal

Articles (080) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Students, Contrastive Linguistics, *Cultural Traits, *English (Second Language), Foreign Countries, Graduate Students, Higher Education, *Interpersonal Communication, *Japanese, Language Attitudes, Language Research, Questionnaires, *Social Behavior

Identifiers—Japan, *Politeness, *Requests

This study investigated the level of politeness of various forms of request made in English, as if spoken to an American, as perceived by college-level native speakers of English (n=80), Japanese speakers in the United States (n=34), and Japanese speakers in Japan (n=103). A semantic differential questionnaire measuring 10 levels of politeness was administered. The instrument consisted of three sections, namely: (1) ratings of requests that might be used in four situations; (2) ratings of frequency of use of request forms; and (3) demographic information, including language background. In the request situations used, relative status of the addressee is high in two situations, low in a third, and equal in the fourth. Familiarity was low and request magnitude small in all situations. Analysis of responses found support for almost all hypotheses concerning relative politeness of request forms, including the use of interrogatives, declaratives, imperatives with and without tag questions, tense, use of modals, positively and negatively worded requests, requests with tags, and negative politeness. No significant differences in perceptions were found between Americans and Japanese, but the Japanese in the United States perceived the requests as more polite than the other Japanese. The questionnaire is appended. (MSE)

ED 328 074 FL 019 039

Kitao, Kenji. And Others

Independent Reading in English-Use of Graded Readers in the Library English as a Second Language Corner.

Pub Date—[90]

Note—48p.; Revised version of a paper presented at the Annual Meeting of the Federation of English Language Education Societies of Japan (4th, Kyoto, August 1988).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Difficulty Level, *English (Second Language), Foreign Countries, Higher Education, *Independent Reading, Individualized Instruction, Language Research, *Reading Centers, *Reading Materials, Second Language Instruction

Identifiers—*Doshisha University (Japan)

A study investigated the use of a collection of English language books by Doshisha University (Japan) students of English as a Second Language (n=300). Four levels of readers, graded by vocabulary content were used in eight classes that offered individualized reading instruction. Students were given instruction in using graded readers, strongly encouraged or required to read them, given book report sheets, and, in freshman classes, offered extra credit for each book report. Analysis of student use of the books found that 161 read at least 1 book and turned in a report, and 69 of 207, who were offered

extra credit did book reports. Choice of difficulty level was similar for students doing required reading and earning extra credit. About 90% of the books read were at the elementary or low-intermediate levels. Book level correlated positively with number of pages and time spent reading the book. Students evaluated the books for interest, maturity of content, usefulness, satisfaction, their own willingness to recommend them to friends, organization, difficulty of grammar, vocabulary, overall English, and prior knowledge needed for comprehension. Students also ranked their favorite books. Implications for language instruction are discussed. Materials used in the study, including the student survey and a list of graded readers, are appended. (MSE)

ED 328 075 FL 019 042

Muller, Brigitte D.
Business French: Cultural Content and Implications.

Pub Date—[90]
Note—47p.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—Advanced Courses, *Business Communication, College Curriculum, Course Content, *Cultural Education, Educational Objectives, Foreign Countries, *French, *Languages for Special Purposes, Language Tests, Postsecondary Education, Second Language Instruction, Teaching Methods

Identifiers—Chamber of Commerce and Industry of Paris (France), *Eastern Michigan University, *France (Paris)

The goals and cultural content of two advanced business French courses, developed at Eastern Michigan University (EMU) in conjunction with the Chamber of Commerce and Industry of Paris (CCIP), are examined and the wider cultural implications of the courses are discussed. As background information, the role of the CCIP in French education and the major components of the CCIP examination leading to an advanced diploma in business French are reviewed, particularly the exam's cultural content in 1977. The exam is a two-day test, of which one day is devoted to text translation, composition of a business letter, a dictation, questions on commercial vocabulary and techniques, and a substantial essay. The goals, materials, and methodology used in EMU's two-semester advanced course leading to the diploma are outlined, a two-semester course in scientific and technical French created to supplement the first course is described, and the preparation they offer toward CCIP certification is discussed. Other programs integrating foreign language and business education are highlighted. The paper includes a 38-item annotated bibliography. (MSE)

ED 328 076 FL 019 044

Parkin, Michael. And Others
Middle Immersion Study 1988. Research Paper 88-08.

Ottawa Board of Education (Ontario). Research Centre.

Pub Date—Mar 89
Note—74p.; For a related document, see FL 019 045.

Pub Type—Reports - Evaluative (142) - Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Academic Achievement, Comparative Analysis, English, Foreign Countries, *French, Grade 4, Grade 6, *Immersion Programs, Intermediate Grades, *Language Proficiency, Learning Readiness, Predictor Variables, Program Effectiveness, Program Evaluation, *Student Characteristics

Identifiers—*Ottawa

Ottawa's program of middle French immersion (MFI) instruction, beginning in fourth grade, was evaluated when the first cohort reached sixth grade. Results of the study were compared with those of other groups, particularly the early French immersion (EFI) program and late French immersion (LFI) program students. The evaluation also added data from the third fourth-grade MFI cohort to expand the grade four database. Information was gathered through questionnaires, tracing of student progress, and collection of standardized test scores. The sixth-grade MFI cohort consisted of two classes (about 40 students). They were matched with sixth-grade EFI classes with similar reading scores. The MFI grade four cohort consisted of five classes. Results suggest that, despite comparable French production skills, the EFI and MFI cohorts should

be merged in grade seven with caution and with follow-up research. The third MFI grade four cohort was found to be similar to the first. The MFI program appeared to attract, in general, more able students and the children of more educated and participatory parents. Few MFI students had been EFI students previously. The first MFI cohort has been reduced by one-third. Substantial appended materials include tests and student progress data. (MSE)

ED 328 077 FL 019 045

McVey, Marianna. And Others

Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A.

Ottawa Board of Education, Ontario. Centre for Research, Professional Development and Evaluation.

Pub Date—Sep 90
Note—100p.; For a related document, see FL 019 044.

Pub Type—Reports - Research (143)
EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Academic Achievement, Comparative Analysis, Elementary Education, English, Enrollment Rate, Enrollment Trends, Followup Studies, Foreign Countries, *French, Grade 6, Grade 8, *Immersion Programs, *Language Proficiency, Learning Readiness, Predictor Variables, Program Effectiveness, Program Evaluation, *Student Characteristics, Teaching Methods, Verbs

Identifiers—*Ottawa

A study compared the achievement of students in three Ottawa French programs: early French immersion (EFI), begun in kindergarten; middle French immersion (MFI), begun in fourth grade; and late French immersion (LFI), begun in sixth grade, with students in core French instruction since kindergarten. Extensive testing and data-collection investigated oral and written French production skills, achievement in grades 6 and 8 for two cohorts and for students taking the test in both grades, age and program differences in mastery of French verb skills, language-related activities and pedagogic patterns related to program type, student progress on standardized tests, and enrollment patterns. Sample classes were observed and tested in both the classroom and the language laboratory. The report describes the study's methodology and correlates test and classroom observation results. An analysis indicates the following: the performance of MFI students was between that of the EFI and LFI students; the current policy of student enrollment in grade nine French language programs is appropriate; eighth grade performance was better than sixth grade performance in each program; additional verb usage research is needed; the programs differ in pedagogic orientation; and introduction of MFI has not reduced EFI or LFI enrollments. Measurement instruments, data, and a brief reference list are appended. (MSE)

ED 328 078 FL 019 047

Hocking, Cliff
Challenges for the "Nineties" in Adult Language Learning in Great Britain.

Pub Date—Oct 90
Note—15p.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adult Education, Change Strategies, *Distance Education, *Educational Change, *Educational Needs, Foreign Countries, Open Universities, Postsecondary Education, Program Descriptions, Second Language Instruction, Second Language Learning

Identifiers—*Great Britain, *Open University (Great Britain)

A discussion of the future of adult second language learning in Great Britain begins with an overview of the field's current state. It is argued that the large number of adults pursuing foreign language learning in a variety of institutions is not matched by quality of offerings, and attrition is high. A national testing program was developed in foreign languages for special purposes, but its use has not risen substantially in 20 years and more testing is done in English as a Second Language than in other second languages, despite impending formation of the European Community. The Open University has recently decided to begin second language instruction, contrary to previous policy. Research indicates a high level of interest among undergradu-

ates, adult students, and business school students. The Open University's experience with distance education suggests the potential for success in this field. However, certain challenges are apparent: the limitations of independent learning within the university's diverse audience and the university's limitation in its ability to individualize distance language instruction. The institution must create its courses and materials to provide as many learning options as possible. It must also develop equivalencies for language credits to use in a national system of vocational qualifications. (MSE)

ED 328 079 FL 019 048

Rodriguez-Maimon, Maria Jose. Inchaurre, Carlos

Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications.

Pub Date—Apr 90
Note—10p.; Paper presented at the Meeting of the World Congress of Applied Linguistics sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990).

Pub Type—Reports - Evaluative (142) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Classroom Communication, Comparative Analysis, Discourse Analysis, *Models, *Second Language Learning, *Teacher Student Relationship

Second language curricula vary in their relative emphases on process and product and on the control exerted by the teacher and learner. Discourse analysis can be used to gain insight into classroom interaction. One model for this kind of analysis classifies utterances according to the structural predictions created by the preceding utterance, giving four minimal interaction units: initiation (I), response (R), response/initiation (R/I), and feedback (F). The typical classroom interaction takes the form I, R, F. Illocutionary acts (acts through which something is done when being uttered, e.g., "I promise") make up an illocutionary structure here as in other forms of discourse. Discourse may be seen as a goal or as a means in the classroom; the ideal is to achieve both functions. In product-based curricula, the teacher controls discourse, which is then necessarily limited. In process-based curricula, the responsibility of learning is given to the students, who have more illocutionary freedom and whose discourse better approaches the language outside the classroom. (MSE)

ED 328 080 FL 019 049

Ishiwata, Makoto

Toru Matsumoto's "Think in English" Approach.

Pub Date—18 Dec 90
Note—70p.; Master's Research Paper, Georgetown University.

Pub Type—Dissertations/Theses - Undetermined (040)

EDRS Price - MF01/PC03 Plus Postage.
Descriptors—Authors, *Cognitive Processes, Comparative Analysis, Educational Strategies, *English (Second Language), Foreign Countries, *Language Processing, Second Language Instruction, *Teaching Methods

Identifiers—Japan, *Thinking in English (Matsumoto)

A discussion of the English language teaching method of Toru Matsumoto, author of "Thinking in English," reconstructs the instructional principle and presents it for further development. First, the history of English language teaching in Japan is reviewed and Matsumoto's biography is sketched. The salient features of the principle are summarized, and each is evaluated and compared with other approaches and methods. Practical suggestions for improvement of second language instruction based on the principle are offered. The approach emphasizes the use of language as a means of thinking and of interpersonal communication. The approach argues that each word should be attached to personal feelings in order to attain meaning, and that intellectual understanding can only be achieved through emotional understanding. Translation is discouraged, and the native language is separated entirely from the target language. It is concluded that while the approach was intended for Japanese learners of English, it can be applied to any second language instruction. Suggestions for classroom practice include daily focus on internal use of the target language, encouragement of linguistic flexibility to develop complex ideas, instruction from macro- and

micro-perspectives, and extensive and rapid reading. A 28-item bibliography is included. (MSE)

ED 328 081 FL 019 050

Sunderland, Jane. Toncheva, Elizabeth. The Value of Project Work in INSET.
Pub Date—10 Jan 91

Note—20p. Paper presented at the Annual Meeting of the International Association of Teachers of English as a Foreign Language (24th, Dublin, Ireland, March 27-30, 1990).

Pub Type—Reports - Evaluative (142) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—English (Second Language), Foreign Countries, Higher Education, *Inservice Teacher Education, Participant Satisfaction, Secondary Education, *Second Language Programs, *Student Projects, Surveys, *Teacher Attitudes, Teaching Methods

Identifiers—*Institute for English Language Education (England)

Project Work is increasingly being used in In-service Teacher Education courses for English-as-a-foreign-language teachers for the purposes of both language improvement and learning about English language teaching. At the Institute for English Language Education, Lancaster University, the intended purpose of Project Work is primarily the latter. However, a questionnaire study of INSET course tutors and participants that showed Project Work to be well received also indicated it to be of value largely because it addresses the INSET participant in several roles, i.e., as teacher of English, teacher of learners, researcher, learner of English, writer, and INSET course participant. (MSE)

ED 328 082 FL 019 051

Phillips, June K. Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest.
ERIC Clearinghouse on Languages and Linguistics, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-FL-90-11

Pub Date—Jan 91

Contract—R18062010

Note—3p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Needs, Educational Strategies, Elementary Secondary Education, Higher Education, *Inservice Teacher Education, Instructional Effectiveness, *Instructional Improvement, *Language Maintenance, *Language Proficiency, *Language Teachers, Second Language Instruction, Teacher Associations

Identifiers—ERIC Digests

Language teachers recognize that improving their foreign language proficiency is an ongoing process. New ways of evaluating teachers' language skills, and curriculum changes emphasizing performance highlight skill inadequacies. Many teachers have not reached functional language levels, and language skill upgrading is a more relevant issue than skill maintenance. Other teachers have used their skills only or largely in restricted classroom conditions, with limited opportunities to hear native speech. Teachers can participate in formal and informal programs to enhance their proficiency, including study and travel abroad programs and institutes and summer seminars. The concept of academic alliances, in which teachers assume some responsibility for their own pedagogic and linguistic growth, has taken root in many areas. Local groups identify their own needs and arrange opportunities to practice and improve language skills. Research supporting the effectiveness of these learning experiences is limited. Programs with specific missions to upgrade language proficiency are designed to concentrate on improving teachers' abilities in higher-level tasks of narration, explanation, hypothesis, negotiation, and supported opinion. As future programs are developed, assessment of their effectiveness should be included. (MSE)

ED 328 083 FL 019 052

Curtain, Helena. Foreign Language Learning: An Early Start. ERIC Digest.

ERIC Clearinghouse on Languages and Linguistics, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-FL-90-12

Pub Date—Dec 90

Contract—R18062010

Note—3p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Communication Skills, *Curriculum Development, Educational Benefits, Educational Objectives, Elementary Education, *Elementary School Curriculum, *FLES, Global Approach, Information Sources, Language Proficiency, Second Language Learning, *Second Language Programs, Skill Development, Teaching Methods

Identifiers—ERIC Digests

Interest in elementary school foreign language programs has resurfaced in recent years, and the number of programs is increasing. Many states are requiring foreign language study at the elementary level. For a local school or community seeking to implement elementary school language programs, it is important that a rationale be developed to meet the needs and priorities of the area or institution. A rationale should address the benefits of language learning, the choice of languages to be taught, and the type of instruction to be used. A general rationale for teaching foreign languages in the elementary school includes: the advantages of a longer sequence of instruction in terms of higher achievement levels; development in children of a global attitude; enhancement of general cognitive skills; enhancement of communication skills; and personal and career benefits. Research reports and studies, state curriculum guides, and school curriculum guides can all provide useful information on developing a foreign language program rationale. The educational system should provide as expansive a curriculum as possible if education is to prepare children for the complicated world they live in and give them tools to understand new challenges. (MSE)

ED 328 084 FL 019 053

Marmaridou, A. Sophia S. Cognitive Structures in BBC Financial Reports.
Pub Date—Apr 90

Note—18p. Paper presented at the Meeting of the World Congress of Applied Linguistics sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990).

Pub Type—Reports - Research (143) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Cognitive Structures, Discourse Analysis, *Economics, Foreign Countries, *Language Patterns, Language Research, Linguistic Theory, *Metaphors, Motion, *News Writing, Physical Characteristics, Psychological Patterns, *Radio, Semantics, Social Behavior

Identifiers—*British Broadcasting Corporation

Extracts from financial reports broadcast on two British Broadcasting Corporation (BBC) radio channels are analyzed for cognitive structures that affect the conceptual organization of this discourse type. The approach used for the analysis is based on two assumptions in the relationship of communication and cognition. These are: (1) financial reports must be cognitively structured in terms of image schemas and metaphorical imagery that enable the understanding of abstract financial concepts in terms of direct, physically significant domains of experience; and (2) physical reality as experienced by the human body, together with the cognitive capacity for image schemas, metaphor, etc., shape cognitive processes. In the analysis, linguistic expressions are examined in terms of scene-and-frame semantics. Five major semantic concepts regularly realized linguistically in financial reports (motion, physical state, psychological state, social behavior, and aggression) are analyzed in the discourse in question. It is concluded that two conceptual metaphors appear in financial reports: financial concepts are seen as persons and financial activity is seen as war, i.e., aggression. In addition, talking about financial affairs in these terms affects thinking and action in relation to this domain of experience. Therefore, the study of metaphor can illuminate processes affecting the cognitive structure of discourse. (MSE)

ED 328 085 FL 019 054

Allen, Barbara. Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4.

Pub Date—90

Note—20p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Class Activities, Classroom Techniques, Elementary Education, *English (Second Language), Grade 1, Grade 2, Grade 3, Grade 4, *Mathematical Concepts, *Mathematics Instruction, Second Language Instruction

Identifiers—*Content Area Teaching

Recent increased interest in content-based language instruction is due to new developments in second language acquisition theory, and to the need to provide equal educational opportunities to the growing number of immigrant children. Facets of second language learning that need to be developed in content-based instruction include specialized vocabulary, language functions for academic communication, language structures and discourse features associated with different disciplines, and classroom language skills. This language development component distinguishes content-based from traditional language instruction. An integrated approach to content-based instruction derives learning objectives from the academic content, language content, and ongoing assessment of the student's language skills. To foster communication, much content-based language instruction should be activity-centered. Interest in integrating mathematics content and English language instruction is relatively new and offers some pedagogical challenges for limited-English-speakers. At the elementary level, attention must be given to concepts, computation, applications, and problem-solving. A series of four class activities for grades 1-4 are designed to promote communicative language exchange in classroom settings while fostering mathematics learning. A brief bibliography is appended. (MSE)

ED 328 086 FL 019 055

von Kugelgen, Rainer. Interactional Problem-Solving in Mathematic Lesson: A Transcript Analysis.

Pub Date—Apr 90

Note—10p. Paper presented at the Meeting of the World Congress of Applied Linguistics, sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990).

Pub Type—Reports - Evaluative (142) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Classroom Communication, Communication Problems, Comparative Analysis, Concept Formation, Epistemology, Foreign Countries, *Interaction, *Learning Processes, *Mathematical Concepts, *Mathematics Instruction, *Problem Solving

Difficulty in comprehending mathematical concepts is a consequence of the system of knowledge acquisition prevailing in schools, and more specifically, of the typical pattern of classroom interaction. In the common task-setting/task-solving pattern, the teacher divides the subject matter into segments. Students are involved interactively in developing isolated solution proposals to the tasks set for them. However, the subject matter is fragmented and decontextualized. This approach is particularly inadequate for mathematics instruction. An example of student-teacher classroom interaction illustrates how focusing on the teacher's agenda deprives the student of the opportunity to solve the problem in his or her own way. Placement of the problem in its appropriate context is necessary for thorough comprehension of mathematical concepts. (MSE)

ED 328 087 FL 019 056

von Kugelgen, Rainer. Comprehension and Communicative Evidence in Operative Mathematics Instruction.

Pub Date—Apr 90

Note—17p. Paper presented at the Meeting of the World Congress of Applied Linguistics (International Association of Applied Linguistics) (9th, Thessaloniki, Greece, April 15-21, 1990).

Pub Type—Reports - Evaluative (142) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Classroom Communication, *Concept Formation, Epistemology, Foreign Countries, *Learning Processes, *Mathematical Concepts, *Mathematics Instruction

Most students leave school with good or acceptable grades in mathematics, despite the fact that very few actually grasp basic mathematical concepts. Schools appear to be providing ways of ac-

quiring the necessary knowledge without promoting true mathematical comprehension. This is made possible by reducing mathematics, cognitively, to a merely operative level and making unnecessary the integration of conceptualizations into a solution process. Students monitor, interpret, and evaluate the teacher's verbal and non-verbal behavior for recognizable patterns. The structures of this interactive process, and of the subject matter, allow students to limit their solutions to the options made available to them, and manage to produce objectively adequate but not creative solutions. These minimally productive patterns of classroom interaction should be further studied. (MSE)

ED 328 088 FL 019 057

Pradeaux, Gary D.

Discourse and Processing Constraints on the Production of Controlled Narratives.

Pub Date—Apr 90

Note—20p; Paper presented at the Meeting of the World Congress of Applied Linguistics sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990).

Pub Type—Reports—Research (143)—Speeches/Meeting Papers (150)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—College Students, Discourse Analysis, Foreign Countries, *Language Patterns, *Language Processing, Language Research, *Linguistic Theory, *Narration

A study investigated the role of certain discourse and language processing factors in the production of narratives under controlled conditions. Subjects watched a short segment from a movie and then narrated the events to a researcher. The narrations were taped, transcribed, and analyzed in terms of such factors as: (1) the number and types of clauses used (markedness); (2) the distribution of given and new information; (3) the relative orders of main and subordinate clauses (closure); and (4) the types of structures used to encode foreground and background events (iconicity). Results indicate that the given/new constraint, markedness, and closure are all relevant in the narratives, but that iconicity is not. Moreover, certain high transitivity features tend to correlate strongly with foreground events. It is concluded that certain principles originally proposed for language comprehension are also involved in language production. It is also found that the method used to elicit information from the subjects does produce non-random results. (MSE)

ED 328 089 FL 019 059

Fradd, Sandra H.

An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families.

Florida Atlantic Univ., Boca Raton. Multifunctional Resource Center.

Pub Date—Sep 90

Note—80p.

Pub Type—Reference Materials—Bibliographies (131)

EDRS Price—MF01/PC04 Plus Postage.

Descriptors—Acculturation, *Ancillary School Services, Annotated Bibliographies, Attribution Theory, Compliance (Legal), *Curriculum Design, Deaf Interpreting, Deafness, *Disabilities, Educational Policy, Educational Technology, Elementary Secondary Education, Hearing Impairments, Individualized Education Programs, Language Tests, *Limited English Speaking, Mental Health, Migrant Education, Parent Participation, *Public Policy, Sociocultural Patterns, Special Education, *Student Evaluation, Vocational Education

This annotated bibliography includes over 250 citations of research reports, monographs, program descriptions, handbooks, measurement instruments, and journal articles on a variety of aspects of education for students with both disabilities and limited English skills. Listings are in four sections, namely: (1) Assessment (alternative assessment practices, general assessment issues and practices, and language assessment); (2) Instruction and Program Development (curriculum and instructional practices, including attribution theory and learned helplessness, culture, acculturation, and sociocultural factors affecting the learning process, deaf and hearing impaired learners, individual education plans, migrant students, prereferral screening and instructional activities and interventions, technology, and vocational education); (3) Training and Services

(mental health concerns, model programs, parent involvement, personnel training, and using interpreters and translators); and (4) Legal and Policy Information (educational policy for the deaf, speech/language policy and services, and vocational education policy). (MSE)

ED 328 090 FL 019 060

Fradd, Sandra H.

Foundations of Multicultural Education. Module 1.

Bilingual/ESOL Special Education Collaboration and Reform Project.

Florida Univ., Gainesville. Dept. of Special Education.

Spons Agency—Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Pub Date—90

Contract—G008635320

Note—203p; For modules 2-5, see FL 019 061-064.

Pub Type—Guides—Classroom—Teacher (052)—Reference Materials (130)

EDRS Price—MF01/PC09 Plus Postage.

Descriptors—*Bilingual Education, Civil Rights Legislation, Cognitive Style, Consultants, Court Litigation, Cultural Awareness, Cultural Differences, Elementary Secondary Education, *English (Second Language), Futures (of Society), Higher Education, High Risk Students, Immigrants, Inservice Teacher Education, *Limited English Speaking, *Multicultural Education, On the Job Training, Second Language Instruction, Social Change, *Special Education

This instructional module is part of a project to reform current school curricula, improve instructional services for handicapped and at-risk limited-English-proficient (LEP) and language minority students, and provide innovative leadership in higher education related to programs for LEP persons. The materials contained in the module are designed to help in training personnel to serve this population, and are intended for use by consultants providing in-service education to teachers and administrators. This module, the first in a series of five, discusses key concepts for meeting the challenge of educating a multicultural, multilingual student population. Topics include: a history of immigration and predictions for the future; the effects of population shifts on the education of language minority students; the impact of laws, litigation and executive orders on bilingual/English-as-a-Second-Language education and special education; understanding cultural and linguistic differences including different learning styles; and locating and using educational resources. Each section contains a series of critical points to be elaborated on by the consultant, suggested activities for participant involvement, and masters for handouts or transparencies. A list of references and resource materials is appended. (MSE)

ED 328 091 FL 019 061

Maya, Elias Fradd, Sandra H.

Language Assessment. Module 2. Bilingual/ESOL

Special Education Collaboration and Reform Project.

Florida Univ., Gainesville. Dept. of Special Education.

Spons Agency—Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Pub Date—90

Contract—G008635320

Note—183p; For the other modules in this series, see FL 019 060-064.

Pub Type—Guides—Classroom—Teacher (052)—Reference Materials (130)

EDRS Price—MF01/PC08 Plus Postage.

Descriptors—*Bilingual Education, Consultants, Curriculum Development, Discourse Analysis, Elementary Secondary Education, English (Second Language), *Evaluation Criteria, *Evaluation Methods, Higher Education, High Risk Students, Inservice Teacher Education, *Language Acquisition, *Language Tests, Limited English Speaking, On the Job Training, Second Language Instruction, *Special Education, Test Format

This instructional module is part of a project to reform current school curricula, improve instructional services for handicapped and at-risk limited-English-proficient (LEP) and language minority students, and provide innovative leadership in higher education related to programs for LEP persons. The materials contained in the module are designed to help in training personnel to serve this

population, and are intended for use by consultants providing in-service education to teachers and administrators. This module, the second in a series of five, provides guidelines for the assessment of student language development whereby emphasis is placed on developing specifically defined assessment environments that promote student-environment interaction in order to elicit language in context. Included are procedures for eliciting, analyzing, and interpreting language samples and forming hypotheses useful in planning curriculum and learning strategies to meet the needs of students with disabilities from a non-English language background. Each section contains a series of critical points to be elaborated upon by the consultant, suggested activities for participant involvement, and masters for handouts or transparencies. A list of references and resource materials is appended. (MSE)

ED 328 092 FL 019 062

Bernandez, Andrea B.

Second Language Development & Instruction.

Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project.

Florida Univ., Gainesville. Dept. of Special Education.

Spons Agency—Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Pub Date—90

Contract—G008635320

Note—92p; For the other modules in this series, see FL 019 060-064.

Pub Type—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC04 Plus Postage.

Descriptors—*Bilingual Education, Classroom Techniques, Consultants, Disabilities, Educational Strategies, Elementary Secondary Education, *English (Second Language), Higher Education, High Risk Students, Inservice Teacher Education, *Language Acquisition, *Language Skills, *Limited English Speaking, On the Job Training, Second Language Instruction, Second Language Learning, Skill Development, *Special Education

This instructional module is part of a project to reform current school curricula, improve instructional services for handicapped and at-risk limited-English-proficient (LEP) and language minority students, and provide innovative leadership in higher education related to programs for LEP persons. The materials contained in the module are designed to help in training personnel to serve this population, and are intended for use by consultants providing in-service education to teachers and administrators. This module, the third in a series of five, provides an overview of the language development of handicapped and at-risk LEP and language minority students and offers field-tested resources and suggestions for developing the English language proficiency of such students. Each section contains a series of critical points to be elaborated on by the consultant, suggested activities for participant involvement, and masters for handouts or transparencies. A list of references and resource materials is appended. (MSE)

ED 328 093 FL 019 063

Brandenburg-Ayres, Susan

Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project.

Florida Univ., Gainesville. Dept. of Special Education.

Spons Agency—Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Pub Date—90

Contract—G008635320

Note—185p; For the other modules in this series, see FL 019 060-064.

Pub Type—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC08 Plus Postage.

Descriptors—*Bilingual Education, Classroom Techniques, Consultants, Disabilities, Educational Strategies, Elementary Secondary Education, *English (Second Language), Higher Education, High Risk Students, Inservice Teacher Education, *Language Acquisition, *Language Skills, *Limited English Speaking, On the Job Training, Second Language Instruction, Second Language Learning, Skill Development, *Special Education

This instructional module is part of a project to reform current school curricula, improve instructional

tional services for handicapped and at-risk limited-English-proficient (LEP) and language minority students, and provide innovative leadership in higher education related to programs for LEP persons. The materials contained in the module are designed to help in training personnel to serve this population, and are intended for use by consultants providing in-service education to teachers and administrators. This module, the fourth in a series of five, addresses such issues as dealing with the importance of parent-school collaboration, understanding the attitudes and beliefs of non-English background parents (NEBP) and students, assessing the needs of NEBP families, establishing effective communication with parents in multicultural settings and developing plans for parent involvement and for strong school-community relationships. Each section contains a series of critical points to be elaborated on by the consultant, suggested activities for participant involvement, and masters for handouts or transparencies. A list of references and resource materials is appended. (MSE)

ED 328 094 FL 019 064

Fradd, Sandra H.

Transdisciplinary Teaming, Module 5. Bilingual-/ESOL Special Education Collaboration and Reform Project.

Florida Univ., Gainesville. Dept. of Special Education.

Spons Agency—Office of Bilingual Education and Minority Languages Affairs (ED), Washington, DC.

Pub Date—90

Contract—G008633320

Note—210p; For modules 1-4, see FL 019 060-063.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—*Bilingual Education, Consultants, Elementary Secondary Education, English (Second Language), Higher Education, Inservice Teacher Education, *Interdisciplinary Approach, *Interpreters, Limited English Speaking, On the Job Training, *Organizational Climate, Second Language Instruction, *Special Education, *Teamwork, Translation

This instructional module is part of a project to reform current school curricula, improve instructional services for handicapped and at-risk limited-English-proficient (LEP) and language minority students, and provide innovative leadership in higher education related to programs for LEP persons. The materials contained in the module are designed to help in training personnel to serve this population, and are intended for use by consultants providing in-service education to teachers and administrators. This module, the last in a series of five, aims to develop the collaborative abilities of transdisciplinary teams. Topics include: the process and structure of transdisciplinary teaming; establishing the need for transdisciplinary teams; proactive school organization; designing effective interventions; understanding the process and the roles of team members; and using interpreters and translators. Each section contains a series of critical points to be elaborated on by the consultant, suggested activities for participant involvement, and masters for handouts or transparencies. A list of references and resource materials is appended. (MSE)

ED 328 095 FL 019 065

Bissonette, Ronald, Ed. And Others

Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990.

International Center for Research on Language Planning, Quebec (Quebec).

Report No.—CIRAL-B-178; ISBN-2-89219-215-3

Pub Date—90

Note—122p.

Language—French

Pub Type—Reports - Evaluative (142)—Collected Works - Proceedings (021)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Bibliographic Databases, *English (Second Language), Foreign Countries, *French, Language Research, Language Role, *Linguistic Theory, Phonetics, *Pronunciation Instruction, Second Language Instruction, Spanish, Structural Analysis (Linguistics), Student Research, Translation, *Vocabulary

Identifiers—Dominican Republic, Nigeria

The following are English translations of the titles of papers presented at the International Center for Research on Language Planning's fourth annual

conference on student linguistic research: "Semantic Study of Piscatorial Vocabulary in the Dominican Republic"; "Some Aspects of Economic Translation"; "Bibli: Software for Searching and Manipulating Bibliographic Databases"; "Pronunciation Difficulties Encountered by Learners of English as a Second Language and the Effect of Certain Corrective Techniques"; "France in French Textbooks in Nigeria"; "Comparative Study of the Acquisition of Case in French, English, and Basque as Second Languages, by Spanish Speakers"; "Poetry and Translation"; "The Suffix -/os/- in Modern Spanish: Semantic and Formal Characteristics"; "S, A, SA: What's That?"; "Phonetic Conditioning: New Techniques To Improve Pronunciation in French as a Second Language"; "Three Little Turns and Then They Go Away or What Is Turn Taking?"; "Phonetics and Orthodontics"; "Does a Specialized Language Exist? Practical and Theoretical Points of View"; "Psychomechanical Analysis of the Determiner 'Any': A Critical Review"; and "Draft of a Research Project on the Vocabulary of Holography." (MSE)

ED 328 096 FL 019 066

Yiorgioulis, Penelope-Suzannah Kambakis

Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence.

Pub Date—Apr 90

Note—21p; Paper presented at the Meeting of the World Congress of Applied Linguistics sponsored by the International Association of Applied Linguistics (9th, Thessaloniki, Greece, April 15-21, 1990). Some tables may not reproduce well.

Pub Type—Reports - Research (143)—Speeches/Meeting Papers (150)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Bilingualism, Comparative Analysis, English (Second Language), *Etymology, Greek, *Prior Learning, *Reading Comprehension, *Reading Strategies, Second Language Learning, *Self Esteem, Semantics, Uncommonly Taught Languages, Vocabulary Development

Identifiers—*Lexical Decomposition Strategy

The study reported in this paper investigated second language learners' ability to analyze new words without the use of context clues. The study focused on how confidence and accuracy increase or decrease with prior knowledge of a language and how availability of reading strategies can affect confidence or accuracy. Three groups of graduate students (eight Greek learners of English, eight native English-speakers, and two Greek-English bilinguals) each completed two tasks: a multiple-choice vocabulary test using decomposable words with possible explanations of their Latin or Greek origins; and a measure of confidence in each response in the first task. Two groups of decomposable stimuli were used, including: 12 Latinate and 12 Greek pseudo-words made of bound morphemes, in verb form, prefixed. Twelve real words of low frequency, some decomposable and some not, were used as distractors. Results suggest that (1) all subjects must have consciously used the lexical decomposition strategy; (2) all subjects did significantly better on words of Greek origin; and (3) monolingual subjects' confidence rates were much lower than their accuracy rates. Additional research on pseudo-words in different contexts is recommended, to determine whether increasing lexical background information affects accuracy or confidence. A brief bibliography and test data are appended. (MSE)

ED 328 097 FL 019 073

Hannaman, David L. And Others

Linguist Proficiency Improvement Courses.

Center for Applied Linguistics, Washington, D.C.; Human Resources Research Organization, Alexandria, Va.

Spons Agency—Defense Language Inst., Monterey, Calif.

Pub Date—Mar 89

Note—40p; Paper presented at the Annual Meeting of the American Educational Research Association (San Francisco, CA, March 27-31, 1989).

Pub Type—Reports - Descriptive (141)—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Competency Based Education, Computer Literacy, Copyrights, *Curriculum Development, Czech, English, *Language Maintenance, *Language Proficiency, Language Skills, Language Tests, Models, Polish, Postsecondary Education, Program Descriptions, Program De-

velopment, Public Agencies, Russian, Second Language Instruction, Staff Orientation, Uncommonly Taught Languages

Identifiers—Authentic Materials, *Defense Language Institute CA, Interagency Language Roundtable

The processes used by the Defense Language Institute (DLI) Foreign Language Center to develop proficiency-based nonresident courses in Czech, Polish, and Russian for language maintenance is described. Based on needs assessment and analysis of Department of Defense endusers, DLI provided the concept and design for the Proficiency Improvement Courses. After a brief introduction, the theoretical framework on which the courses' development is based and the approach used in their development are described and the key elements of the theoretical framework are outlined: they include the Interagency Language Roundtable's model of second language proficiency, use of authentic materials, and proficiency-based testing. A method of course development involving three discrete phases (staff orientation management plan, staff orientation, and curriculum and materials development) is described in the next section. A third section discusses the problems encountered in the project, including copyrights, requirements for computer literacy, and the limitations in English language skills of the course developers. A list of six references as well as tables, charts, and algorithms relating to course development are appended. (MSE)

ED 328 098 FL 019 074

Chapin, Ruth Terdal, Marjorie

Responding to Our Response: Student Strategies for Responding to Teacher Written Comments.

Pub Date—[90]

Note—43p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*College Faculty, *College Students, *English (Second Language), *Error Correction, Essays, Higher Education, Intensive Language Courses, *Student Attitudes, *Student Reaction, Teacher Student Relationship, Writing Evaluation

A study investigated the responses of students of English as a Second Language (ESL) to teachers' written comments on essay drafts. Subjects were 15 students in intensive college ESL courses. The students wrote essay drafts, which were turned in to teachers for graded comments. The students were then interviewed within three days after receiving the graded final papers. Open-ended interviews focused on the changes students made in successive versions of their essays. Questions elicited an explanation of why each change was made, and how the student decided to make each change. Teacher comments (which could consist of implicit comments, explicit comments, direct corrections, or pointing out an error by underlining, etc.) The focus of the comments (content, organization, lexicon, syntax, orthography, punctuation) and student changes (addition, deletion, rearrangement, substitution) were tabulated and analyzed. Results yielded three main conclusions: (1) students did read and use teachers' comments to edit and expand compositions, but did not always understand the need for revision or substantially improve the compositions; (2) teacher comments did not do a good job of intervening in the writing process; and (3) comments often appropriated meaning and the students tolerated the appropriation. (MSE)

ED 328 099 FL 019 075

Ramirez, David And Others

Efforts to Help Parents of LEP Students Take Many Forms.

Pub Date—Oct 90

Note—9p.

Journal Cit.—BEOutreach; v1 n3 p1,8-14 Oct 1990

Pub Type—Reports - Descriptive (141)—Journal Articles (080)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adult Literacy, Elementary Secondary Education, *Family Programs, Federal Programs, Financial Support, *Limited English Speaking, *Literacy Education, Models, *Parent Education, Program Design, Public Policy, School Districts

Identifiers—California, Even Start, Family English Literacy, Systematic Training for Effective Parenting

Parents of limited-English-proficient (LEP) students often face linguistic and cultural challenges while trying to support their children's education.

Parents depend on educators to help them strengthen their abilities in these areas. Language, literacy, and cultural needs may vary widely, and parent education programs should be adapted to this diversity. Three different program types, each different in funding source and organization, serve as models and each is described in this overview: (1) the Title VII Family English Literacy Program (FELP), funded through the federal Office of Bilingual Education and Minority Languages Affairs, which provides instruction for parents and out-of-school youth and focuses on parenting and language development contributing to academic success; (2) the Chapter 1 Even Start Program, which provides family-centered educational services to help parents become full partners in their children's education, assists children in achieving their full potential, and provides parent literacy training; and (3) the Systematic Training for Effective Parenting (STEP) programs for improving family relationships and helping children become responsible and confident. These programs use a commercially available curriculum, are implemented by school districts, and are funded through various sources. The story on Even Start was contributed by David Ramirez; the story on STEP was contributed by Mariel Naso and Evangelina Miranda. All three of these projects respond to California state board of education policy on parent involvement. (MSE)

ED 328 100 FL 019 076

Mitchell, Stephanie

Spanish Partial Immersion Program. 1989-90

Evaluation Report.

Portland Public Schools, OR. Research and Evaluation Dept.

Pub Date—Oct 90

Note—49p; For the 1987-1988 report, see ED 300 435.

Pub Type—Reports - Evaluative (142) - Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, Cultural Awareness, *Immersion Programs, Primary Education, Program Effectiveness, *Program Evaluation, Questionnaires, Second Language Programs, *Spanish

Identifiers—Content Area Teaching, *Portland School District OR

The Ainsworth School Spanish Partial Immersion Program (Portland, Oregon) was established in 1987 to provide an elementary foreign language magnet program to children in the district. The program's major goals are bilingual proficiency and increased understanding of the second language culture. During 1989-1990, the program enrolled 205 students in kindergarten through grade 3. Students were taught mathematics, social studies, and some language arts in Spanish for half the day and were taught reading, language arts, and science in English during the other half. Participating students made normal progress in achieving district curricular objectives and in developing skills in understanding, speaking, reading, and writing Spanish. Student achievement exceeded the district average in reading, mathematics, and language usage by grade 3. The initial lag in first language skills was short-lived. The program appears to have stimulated basic skills development, especially in mathematics. Parent interviews suggest that the program sustained parent involvement. Program continuation and expansion are recommended, with six specific additional recommendations for curriculum refinement, student monitoring, improved Spanish language objectives and assessment, maintaining student diversity, and participant tracking. A sample class curriculum schedule, parent questionnaire, and summary of parent questionnaire responses are appended. (MSE)

ED 328 101 FL 800 232

Marquez, Ely J.

Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language (ICCS) English.

Philadelphia Community Coll., PA.

Pub Date—Jun 90

Note—32p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Behavioral Objectives, *Communicative Competence (Languages), Community Colleges, Course Content, Course Descriptions, *English (Second Language), Instructional Materials, *Intercultural Communication, Limited En-

glish Speaking, *Literacy Education, Pragmatics, Student Evaluation, Two Year Colleges

Identifiers—*Community College of Philadelphia PA

The community college course outlined in this paper emphasizes listening, speaking, pragmatics, reading, and writing for non-native speakers of English who have had little or no exposure to the language. The aim of the course is to improve student language skills that will enhance academic success and persistence. An introductory section describes the course format, student evaluation procedures, and course evaluation and revision processes. The introduction is followed by a list of general student performance goals, a topic outline and course schedule for three days of the first week, a bibliography of required and supplemental texts, and overall and specific performance objectives for each of seven course-level topics, including: life skills (numbers, letters, and dates), survival communication, appropriate use of names and greetings; pragmatic skills (conversation and social interpersonal skills); cultural literacy (global and United States geography, United States government, history, education, economics, expressions and adages); structural skills (verb tenses, modifiers, elementary grammar and syntax); reading and comprehension; writing; and aural-oral skills (pronunciation, suprasegmentals, narration, and comprehension). (MSE) (Adjunct ERIC Clearinghouse on Literacy Education)

ED 328 102 FL 800 246

Turner, Susan, Ed.

The Literacy Issue: Feminist Perspectives on Reading and Writing.

International Council for Adult Education, Toronto (Ontario).

Pub Date—90

Note—45p.

Journal Cit—Voices Rising; v4 n1 Jan-Feb 1990

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adult Education, Educational Objectives, Feminism, Foreign Countries, Instructional Materials, *Literacy Education, *Networks, Program Descriptions, Resource Centers, *Womens Education, Workshops

Identifiers—*International Literacy Year 1990

A special issue of a journal devoted to women's literacy education contains the following articles: "Literacy: A Tool for Empowerment of Women?" (Agneta Lind); "Khumani Makhosikazi: Women and Literacy—Some South African Women Speak" (Dawn Norton, Carola Steinberg); "Tomorrow Will Be Different: A Literacy Course for Women—An Experience from Santiago, Chile" (excerpted from a book by Peggy Moran and Monica Hingston); "Keeping the Circle Strong: Native Women's Resource Centre, Toronto, Canada" (a group interview); "On the Training of Tutors for Women's Literacy: A Woman's Experience with Women in Greece" (Danae Vaikos); "Expanding the 'Generative Word' Process: Women's Iron Will, Haiti" (Beate Schmidt); "Publishing Women's Stories: Parkdale Project Read, Toronto, Canada" (Janet Ryan and others); "Developing Reading and Writing Skills: SISTREN's Research Workshop" (Honor Ford-Smith); "A Literacy Kit for Peasant Women in Mexico" (Leonor Aide Concha, Maria del Carmen Montes, Sylvia Van Dyck); "1990 International Literacy Year: Agenda, Comments, Challenges"; "Five Challenges to Women's Literacy"; "Deepening the Issues and Objectives of ILY" (Judith Marshall); and "Sobering Thoughts: Literacy for What? Strategies with Women in Mind" (Lalita Ramdas). Also included is a "letters" section containing program descriptions, ideas, and network-building information from various parts of the world, and a section announcing and reviewing resources. (MSE) (Adjunct ERIC Clearinghouse on Literacy Education)

ED 328 103 FL 800 262

Davies, Gwen And Others

Women's Kit.

International Council for Adult Education, Toronto (Ontario); Participatory Research Group, Toronto (Ontario).

Report No.—ISBN-0-920907-10-5; ISBN-0-920907-12-1; ISBN-0-920907-14-8; ISBN-0-920907-16-4; ISBN-0-920907-18-0; ISBN-0-920907-20-2; ISBN-0-920907-22-9; ISBN-0-920907-24-5 ISBN-0-920907-08-3

Pub Date—Jun 87

Note—172p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Adult Basic Education, Battered Women, *Change Strategies, Child Abuse, Daily Living Skills, Day Care, *English (Second Language), Family Environment, Foreign Countries, Health, Homemaking Skills, Instructional Materials, Job Search Methods, *Literacy Education, *Personal Autonomy, Second Language Instruction, *Social Change, *Womens Education, Work Environment

Identifiers—Africa, England, Latin America

This kit consists of nine booklets: an introduction and eight topical texts, each of which is made up of excerpts from materials about the lives of women from Latin America, Africa, and England. The kit is intended for use by women in English-as-a-Second-Language classes, literacy groups, and other women's groups, as a source of ideas for discussion and language learning. The introductory booklet provides information on the kit's use and the groups (publishers, programs, and organizations) who wrote the materials contained in it. The themes of the other booklets include: women's daily schedules; child care; health; housework; finding paid work; working conditions; violence in the home; and women working together for change. Booklet contents include numerous black and white drawings to be used as visual aids, brief narratives and texts, and simple sentences for language learning. (MSE) (Adjunct ERIC Clearinghouse on Literacy Education)

ED 328 104 FL 800 284

Di Gerlando, Rose And Others

Adult ESL Suggested Materials List.

Illinois ESL Adult Education Service Center, Des Plaines. Adult Learning Resource Center-NEC.

Spons Agency—Illinois State Board of Education, Springfield. Adult and Continuing Education Section.

Pub Date—Sep 90

Note—95p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Adult Education, *Adult Literacy, Annotated Bibliographies, Audiovisual Aids, Class Activities, *English (Second Language), English for Special Purposes, Information Sources, *Instructional Materials, Second Language Instruction

This annotated bibliography lists print, non-print, and organizational resources for use by directors and teachers of English-as-a-Second-Language (ESL) programs. Citations are presented in three sections: (1) General Purpose ESL; (2) English for Specific Purposes; and (3) Teacher Resources. The first section lists basic texts and integrated skills texts, plus texts on listening, conversation and oral communication, ESL literacy, reading, writing, grammar, pronunciation, and vocabulary. Materials in the second section concern academic ESL, employment-related ESL, and civics. The third section, on teacher resources, covers theory and practice, classroom activities, teaching aids, journals, and professional organizations. Materials falling into two or more categories are cross-referenced. A title index, a list of publisher addresses, a form for recommending materials for inclusion in the list, and a publication order form are included. (MSE) (Adjunct ERIC Clearinghouse on Literacy Education)

HE

ED 328 105 HE 022 867

Gilley, J. Wade Dietz, Thomas

The Virginia Survey, Results from a Statewide Survey on Higher Education and Environmental Problems.

George Mason Univ., Fairfax, VA. Northern Virginia Survey Research Lab.

Report No.—NVSRL-89-01

Pub Date—30 Jan 89

Note—15p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Attitude Measures, Audience Response, Colleges, *Conservation (Environment), *Energy Conservation, *Higher Education, *Pollution, Public Opinion, Public Support, *Quality of Life, School Taxes, Telephone Surveys, *Tuition, Universities

Identifiers—Virginia

The study described in this report was designed to measure the attitudes of Virginians towards higher education in Virginia and towards some environmental problems facing the Commonwealth. The survey questioned 517 Virginia citizens over age 18 whose households were chosen through random-digit-telephone dialing. Among the findings of the survey were the following: (1) even though Virginians would give a grade of "B" to their state four-year and two-year institutions, 50% of the respondents felt tuition at these same colleges and universities was too high; (2) 54% of those surveyed said they would support a tax increase for higher education; (3) 95% of the respondents could name the community college in their area; and (4) 60% considered community colleges very important to the economy of their communities. Nearly 90% of those surveyed considered Virginia a "good" or "excellent" place to live. Regarding the environment, 89% favored regulation of pesticides and fertilizers, and 94% supported recycling of trash. Additionally, 92% of those surveyed were aware of pollution in the Chesapeake Bay. Respondents expressed a strong concern with the "greenhouse effect," and a majority favored government-funded programs to plant more forests and help people save energy; however, they were also opposed to higher taxes on gasoline, electricity, natural gas, and other kinds of energy. Appendices contain information on characteristics of the sample and survey methodology. (GLR)

ED 328 106 HE 023 394

Schoefer, William D.

Education without Compromise: From Chaos to Coherence in Higher Education.

Pub Date—90

Note—153p.

Available from—Jossey-Bass Publishers, 350 Sansome St., San Francisco, CA 94104.

Pub Type—Opinion Papers (120) — Books (010)

Document Not Available from EDRS.

Descriptors—Academic Education, *Change Strategies, *College Curriculum, College Faculty, College Role, Curriculum Development, *Educational Change, *Educational Quality, Higher Education, Humanities, *Liberal Arts, Personnel Policy, Publish or Perish Issue, Reading Skills, Second Language Instruction, Teacher Role, *Undergraduate Study, Writing Skills

This discussion of the quality of higher education examines how and why academic institutions are failing to provide students with a meaningful undergraduate education, and what can and should be done about it. It argues that colleges and universities, in an attempt to simultaneously provide an academic education and train students for careers, have undermined the purpose and value of traditional liberal arts education. Chapters are devoted to the knowledge explosion as an emerging crisis in the academic disciplines, reading and writing as essential to a coherent curriculum, the need for more widespread foreign language competence among college graduates, the teacher's role in awakening the student's need to know, the publish-or-perish dilemma, and the problem of limited interest in the humanities. In addition, the book calls for major changes in higher education that would replace a chaotic patchwork curriculum with a coherent sequence of studies designed to develop students' understanding of the world and to help them think, communicate, and make decisions in life and work. Recommended changes in policies and practices governing teaching, research, and reward systems are detailed. (MSE)

ED 328 107 HE 024 086

Kalivoda, Karen S. And Others

Students with Disabilities: A Guide for Faculty and Staff.

Georgia Univ., Athens. Handicapped Student Services.

Pub Date—Feb 89

Note—23p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Accessibility (for Disabled), Classroom Environment, *Classroom Techniques, College Students, Definitions, *Disabilities, Federal Regulation, Higher Education, Physical Mobility, *Student Personnel Services, Teacher Role, Teaching Styles

Identifiers—*University of Georgia

This handbook makes suggestions on how faculty can adjust their teaching environment or style to

eliminate barriers that may prohibit a student with a disability from achieving his or her educational goals. The booklet describes the functions of the Office of Handicapped Student Services of the University of Georgia, relevant federal regulations, and handicap definitions. It offers guidelines for dealing with individuals with specific disabilities, including hearing impairments, learning disabilities, visual impairments, and physical disabilities requiring use of wheelchairs. Disabilities commonly found among the university population are described. (Six references) (JDD)

ED 328 108 HE 024 094

Stern, Kenneth S.

Bigotry on Campus: A Planned Response.

American Jewish Committee, New York, N.Y.

Pub Date—May 90

Note—34p.

Available from—American Jewish Committee, Institute of Human Relations, 165 East 56 St., New York, NY 10022-2746 (\$3.50).

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Anti-Semitism, *Change Strategies, College Administration, Elementary Secondary Education, Ethnic Discrimination, Higher Education, Jews, *Minority Groups, Racial Discrimination, Religious Discrimination, *Social Discrimination, *Student Attitudes

The paper analyzes the problem of campus bigotry with emphasis on anti-semitic incidents, identifies effective and ineffective responses, and suggests a plan for college administrators to follow. The following questions are briefly considered: why should we care about bigotry on campus? is bigotry on campus really increasing? and why is there an increase of bigotry on campus? Universities are encouraged to be prepared by having both a response plan in the case of an incident and a preventive plan to reduce the level of bigotry on campus. General principles are offered concerning the following: graffiti; physical violence and its victims; disciplinary codes; speakers; campus security and other "front line" staff; and intergroup relations experts. Also discussed are planned bigotry reduction, conducting a bigotry survey to assess the problem, and the responsibility to effect change in all educational institutions including grade and high schools. An appendix outlines response plan highlights, prejudice reduction plan highlights, and a list of groups that need to develop the commitment to, and structures for, managing diversity. (DB)

ED 328 109 HE 024 125

Fiske, Edward R. Steinbrecher, Phyllis

Get Organized! Fiske's Unbeatable System for Applying to College.

Report No.—ISBN-0-87866-995-7

Pub Date—90

Note—73p.

Available from—Peterson's Guides, P.O. Box 2123, Princeton, NJ 08543 (\$10.95).

Pub Type—Guides - Non-Classroom (055)

Document Not Available from EDRS.

Descriptors—*College Admission, *College Applicants, College Bound Students, *College Choice, Higher Education, High Schools, High School Students, Institutional Characteristics, Self Evaluation (Individuals), Student Financial Aid

This guide was created to help high school students feel comfortable with the college admissions process. Its step-by-step approach to the process is designed to take the stress out of the task by clearly laying out what must be done and when, beginning with the junior year of high school. The guide contains a calendar that runs from September of the junior year through June of the senior year, listing milestones in the college application process. It also includes an "Application Checklist" which outlines in a grid format the steps that must be taken to apply to colleges. It provides a section to help the student evaluate himself or herself and determine the most important characteristics of a college or university. It describes commonly required standardized tests, lists questions to help prepare for campus visits, and outlines a method for organizing findings from campus visits and interviews. The final section shows how to narrow the college selection and fill out application forms and other forms, and provides basic information on financial aid. (JDD)

ED 328 110 HE 024 128

Kimball, Roger

Tenured Radicals: How Politics Has Corrupted

Our Higher Education.

Report No.—ISBN-0-06-016190-6

Pub Date—90

Note—204p.

Available from—Harper & Row, 10 East 53rd St., New York, NY 10022 (\$18.95).

Pub Type—Books (010) — Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—College Faculty, Curriculum, Curriculum Development, *Educational Trends, Feminism, *Higher Education, *Humanities Instruction, Ideology, *Liberal Arts, Marxism, Moral Values, North American Culture, *Political Influences, Political Issues, *Politics of Education, Role of Education, Technical Writing, Trend Analysis, Western Civilization

Identifiers—*Radicalism

This book chronicles progress in the destruction of the values, methods, and goals of traditional humanistic study. It describes recent developments in the academic study of humanities as ideologically motivated assaults on the intellectual and moral substance of Western culture. It argues that various academic interest groups have worked to overturn the curriculum, undermine the traditional intellectual and moral goals of a liberal arts education, and transform scholarly language into obscure argot unintelligible to students and the educated public. The book shows how the spirit of 1960s radicalism has installed itself at the center of American colleges and universities through the efforts of feminists, neo-Marxists, practitioners of deconstruction, and other politically motivated groups. Chapter titles include: "The Assault on the Canon," "Speaking against the Humanities," "The October Syndrome," "The Case of Paul de Man," "Deconstruction Comes to Architecture," "The New Sophistry," and "The Real Crisis in the Humanities." (Approximately 100 references) (JDD)

ED 328 111 HE 024 132

Chamer, Ivan

Demographic and Economic Changes and Postsecondary Education.

National Inst. for Work and Learning, Washington, D.C.

Spons Agency—Fund for the Improvement of Postsecondary Education (ED), Washington, DC.

Pub Date—84

Contract—G008440477

Note—11p.; One of a series of papers written as part of the Postsecondary Education for a Changing Economy: Resource Agents for Policies and Practices Project.

Available from—National Institute for Work and Learning, 1302 18th St., N.W., Suite 501, Washington, DC 20036.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Demography, *Economic Factors, *Educational Trends, Higher Education, Individual Characteristics, *Population Trends, *Postsecondary Education, Trend Analysis

The interaction of demographic and economic shifts has led to, and will continue to effect, changes in the postsecondary education system and institutions. Demographic shifts include aging of the population, more women in the paid labor force, and increased numbers of minorities. Economic shifts include the growth of the information sector, service sector growth, industrial sector shrinkage, a boom in self-employment, and technological advancement. Ways in which projects supported by the Fund for the Improvement of Postsecondary Education have responded to these demographic and economic factors are described. (JDD)

ED 328 112 HE 024 133

Koretz, Daniel And Others

Trends in the Postsecondary Enrollment of Minorities.

Rand Corp., Santa Monica, Calif.

Spons Agency—Ford Foundation, New York, N.Y.

Report No.—R-3948-FF

Pub Date—Aug 90

Note—115p.

Available from—Rand Corporation, 1700 Main St., P.O. Box 2138, Santa Monica, CA 90406-2138.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01 Plus Postage. FC Not Available from EDRS.

Descriptors—*Black Students, *College Students, *Enrollment Trends, Higher Education, Hispanic Americans, *Minority Groups, *Postsecondary Education, *Trend Analysis

This report attempts to resolve disagreements

about trends in minority enrollments in postsecondary education institutions and to examine various factors that might help explain the enrollment trends. Among the study's findings were the following: (1) in the total group of individuals, aged 18-24, the overall enrollment rate of blacks has changed little since the mid-1970s; (2) the proportion of black high school graduates, aged 18-24, that is enrolled in college has declined substantially from a peak of nearly 33 percent in the mid-1970s; and (3) the enrollment rate of Hispanic youth has been stable since the late 1970s, though it remains lower than during the peak years of the mid-1970s. Possible factors causing the enrollment trends, such as military enlistments and family income differences, are analyzed. Data sources (the Current Population Survey and the Integrated Postsecondary Education Data System) are described in an appendix. Includes 51 references. (JDD)

ED 328 113 HE 024 136

Hawthorne, Elizabeth M. Ninke, Diane
Focus on Faculty Service.

Pub Date—[90]

Note—19p.

Pub Type—Reports - Research (143)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Faculty, Cooperative Programs, Faculty Development, Higher Education, National Surveys, *Postsecondary Education as a Field of Study, Professional Development, *School Community Programs, *School Community Relationship, *Two Year Colleges, *Universities

Identifiers—*Faculty Service

A 1988-89 national survey examined faculty community service by asking 142 faculty members specializing in higher education, community college education, or adult education two questions: what kinds of service the faculty members provide to two-year colleges and why they engage in these activities. Service was defined as anything a university/program/center does for the good of the community rather than for the benefit of the institution/program. Among results were the following: 65% of respondents have on-going relationships with community colleges in areas such as curriculum development projects and organizational change activities; 44% of respondents indicated they have been involved in developing professional education programs for community and technical colleges; 76% reported they have informal contacts with two-year colleges; and only 28% reported that faculty members are rewarded for service activities. Service was provided mainly in professional development opportunities for community college administrators and faculty members. The considerable informal contact did not necessarily translate into substantial service. Survey responses suggested, however, that service can and does benefit both the service providers and recipients. Includes 25 references. (LPT)

ED 328 114 HE 024 137

Kirshstein, Rita J. And Others

The Escalating Costs of Higher Education.

Pelavin Associates, Inc., Washington, DC.

Spons Agency—Department of Education, Washington, DC. Office of Planning, Budget, and Evaluation.

Pub Date—Nov 90

Contract—300-85-0184

Note—161p.; For a related document, see HE 024 138.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC07 Plus Postage.

Descriptors—*Economic Factors, Higher Education, Inflation (Economics), Paying for College, Prediction, *Public Policy, *Student Costs, Student Financial Aid, *Trend Analysis, *Tuition

This congressionally mandated study of the escalating cost of higher education focuses on: (1) identifying the cost of obtaining a higher education and determining how that cost has changed from 1976-77 to 1987-88; (2) determining specific causes of such cost changes; (3) forecasting the future cost of obtaining a higher education; (4) evaluating the impact of such cost changes on institutions of higher education, their students, and lower and middle income families; (5) making recommendations on how cost changes can be minimized in the future; and (6) outlining policy options to minimize future cost changes. The report, which used multiple data sources in its analyses, found that college tuitions and other costs of attendance have increased as a share of median family income throughout the

1980s, particularly in the private sector. Costs rose to cover rising expenditures, to make up for shortfalls in other revenue sources, and in response to growing demand for college education. Assumptions about such variables as enrollments, financial aid availability, and economic conditions are used to predict the future course of tuitions. Strategies such as containing costs and increasing revenues from sources other than tuition are explored as ways to reduce future cost increases. Includes approximately 100 references. (JDD)

ED 328 115 HE 024 138

Kirshstein, Rita J. And Others

Trends in Institutional Costs.

Pelavin Associates, Inc., Washington, DC.

Spons Agency—Department of Education, Washington, DC. Office of Planning, Budget, and Evaluation.

Pub Date—Nov 90

Contract—300-85-0184

Note—125p.; For a related document, see HE 024 137.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Attitudes, *Economic Factors, Higher Education, *Inflation (Economics), Paying for College, *Student Costs, Student Financial Aid, *Trend Analysis, *Tuition, Undergraduate Study

This report describes the cost of nonprofit undergraduate collegiate education, how that cost has grown throughout the 1980s, and reasons for increases in college costs. The study analyzed multiple data sources to determine that college tuition growth has outpaced general price inflation since about 1980, but the American public believes that the cost of attending college is much higher than it actually is. Beginning in 1980, the proportion of family income needed to pay tuition increased. Between fall 1980 and fall 1987, the amount of student financial aid provided by all sources increased 7% faster than inflation, and students increased their reliance on loans. Academic expenditures did not increase as rapidly as overall expenditures, while administrative expenditures went up much faster. Between fall 1975 and fall 1985 faculty salaries increased by 87% in real dollars. Differing rates of enrollment growth greatly impacted per-student expenditures. Between 1975 and 1985, tuition and fee revenues made up a larger proportion of overall revenues. Analysis of the 100 most expensive private institutions and a small number of prestigious public institutions found that each type spent, on average, more than twice as much money per student than the average institution in its respective sector. Includes 72 references. (JDD)

ED 328 116 HE 024 141

Ratcliff, James L. Jones, Elizabeth A.

General Learning at a Women's College.

Pennsylvania State Univ., University Park. Center for the Study of Higher Education.

Spons Agency—EXXON Education Foundation, New York, N.Y.; Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—[90]

Contract—OERI-R-86-0016

Note—44p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Ability, Academic Achievement, Achievement Tests, Cluster Analysis, College Curriculum, College Seniors, College Students, *Core Curriculum, Courses, *Course Selection (Students), Educational Philosophy, *General Education, Higher Education, Interdisciplinary Approach, Learning, *Required Courses, Single Sex Colleges, Student Characteristics, Student Interests, Trend Analysis, Women's Education

Identifiers—Graduate Record Examinations, Scholastic Aptitude Test

A study was conducted at a women's college to compare contrasting ideas of general education curriculum requirements: the prescribed core curriculum in which all students take the same courses versus the distributive model in which students are required to choose a minimum number of courses within specified academic areas. Graduating seniors were classified on the basis of Scholastic Aptitude Test scores for both Math and Verbal sections as either High/High (N=73) or Low/Low (N=29). College courses students had taken were grouped according to the gains reflected as graduating seniors on nine Graduate Record Examination (GRE)

item types to determine which of the competing hypotheses explain student course taking behavior. Findings supported the distributive model. However, they did not support the current use of a wide range of options in distributional general education requirement. Instead findings suggested that discrete arrays of coursework be identified which are more appropriate and productive for different ability levels of students. Includes 21 references. (LPT)

ED 328 117 HE 024 143

Fordyce, Hugh R. Kirschner, Alan H.

1990 Statistical Report.

United Negro College Fund, Inc., New York, N.Y.

Pub Date—90

Note—100p.

Available from—United Negro College Fund, Inc., 500 East 62nd St., New York, NY 10021.

Pub Type—Numerical/Quantitative Data (110)
EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Black Students, College Admission, *College Faculty, College Students, Degrees (Academic), Educational Finance, Endowment Funds, *Enrollment Trends, Higher Education, Private Colleges, *School Funds, *Student Costs, *Student Financial Aid, Trend Analysis

This report presents detailed information concerning the member institutions of the United Negro College Fund, comprising 41 historically black colleges and universities in the United States. Data are organized within the categories of enrollment, admissions, faculty and staff, degrees, student financial aid, college costs, institutional finances, and endowment. The data indicate that enrollments have increased by 16% since 1986. The enrollment of women has grown at a faster rate than that of men. Although about two-thirds of all undergraduate students received Pell Grants during 1988-89, the amount of student aid derived from this source accounted for only 25% of all student financial aid. Various loan programs accounted for nearly 40% of student aid dollars in 1988-89. Business continued as the most popular major for bachelor's degree recipients. Degrees in business exceeded those in the second most popular field, education, by a margin of nearly four to one. Faculty salaries trail those found at other private 4-year colleges. (JDD)

ED 328 118 HE 024 163

Howard, Catherine

Project GOLD (Garfield Options for Leadership Development).

Virginia Commonwealth Univ., Richmond. Dept. of Psychology.

Spons Agency—Alcohol, Drug Abuse, and Mental Health Administration (DHHS/PHS), Rockville, MD. Office for Substance Abuse Prevention.

Pub Date—Oct 90

Contract—1H86SP01762-01

Note—10p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 164-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*After School Programs, Behavior Problems, *Black Students, *College Programs, Disadvantaged Environment, *Disadvantaged Youth, Dropout Prevention, Economically Disadvantaged, *Enrichment Activities, Higher Education, High Risk Students, Intermediate Grades, Low Income Groups, Outreach Programs, Parent Education, Poverty Areas, Program Descriptions, Program Proposals, School Community Relationship, Social Support Groups, *Summer Programs

Identifiers—*AASCU ERIC Model Programs Inventory Project, African Americans, Garfield Options for Leadership Development, Virginia (Richmond)

This grant proposal describes Project GOLD (Garfield Options for Leadership Development), an after-school and summer program designed to serve African American middle school-aged youth in Richmond, Virginia. The youths are residents of public housing, are primarily from female-headed households, and are typically at least one school year behind their age mates. Program components include: a 6-week summer program to be held at Virginia Commonwealth University, an after-school enrichment program, and a parent education and support program. The program reflects the collaborative efforts of the Department of Psychology at

Virginia Commonwealth University, the Garfield Childs Memorial Fund Tutorial Program, and private, community, and state agencies, in an attempt to provide new and challenging opportunities for youth and their parents who reside in high risk environments. The program is based on the conceptual framework of the Athletics Coaching Teens program, which uses a life span developmental model, emphasizes prevention of problem behaviors, and focuses on teaching new skills for living. (JDD)

ED 328 119 HE 024 164

Danish, Steven J.
Athletes Coaching Teens (ACT) for Substance Abuse Prevention.
Virginia Commonwealth Univ., Richmond. Dept. of Psychology.

Spons Agency—Alcohol, Drug Abuse, and Mental Health Administration (DHHS/PHS), Rockville, MD. Office for Substance Abuse Prevention.

Pub Date—[90]
Contract—H84AD00489-01

Note—13p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adolescents, *Athletes, Behavior Problems, *College School Cooperation, Drug Abuse, Drug Education, *Goal Orientation, Higher Education, High Risk Students, High Schools, Junior High Schools, *Peer Teaching, Prevention, Problem Solving, Program Descriptions, Program Proposals, *Skill Development, *Substance Abuse

Identifiers—*AASCU ERIC Model Programs Inventory Project, Athletics Coaching Teens (Program), Richmond Public Schools VA, Virginia Commonwealth University

Athletes Coaching Teens (ACT) is a school-based prevention program for seventh grade students in Richmond, Virginia. The project is a collaborative effort between the Department of Psychology at Virginia Commonwealth University and the Richmond City Public Schools. The ACT program is directed at preventing and changing health-compromising behaviors, such as alcohol and other drug use, unsafe sexual practices, violence, and delinquency. High school athletes are used as peer leaders in seven sessions which teach life skills, including learning to set goals, developing plans to attain the goals, identifying and overcoming roadblocks, solving problems effectively, developing social support, and rebounding. The high school athletes receive special training provided by the ACT staff with the assistance of Virginia Commonwealth University's college athletes. Because these high school students are regarded as positive role models who have grown up in Richmond, they are felt to be in a unique position to be effective teachers for middle school youth. A shortcoming of the ACT program is the need for a context in which students can apply and generalize the skills learned. This project proposal describes progress made in the second year of the program and plans for the third year. (JDD)

ED 328 120 HE 024 165

Farley, Reuben W. Raychowdhury, P. N.
Richmond Area Young Scholars Program.
Virginia Commonwealth Univ., Richmond. Dept. of Mathematical Sciences.

Spons Agency—National Science Foundation, Washington, D.C.
Pub Date—2 Jul 90
Contract—RCD-8955641

Note—8p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academically Gifted, *Black Students, College Programs, *College School Cooperation, *Enrichment Activities, Grade 7, Higher Education, Junior High Schools, *Mathematics Instruction, Mentors, *Physics, Program Descrip-

tions, Science Instruction, Student Research, Summer Programs, Weekend Programs

Identifiers—*AASCU ERIC Model Programs Inventory Project, Richmond Area Young Scholars Program, Virginia (Richmond), Virginia Commonwealth University

The Richmond Area Young Scholars program, designed for a target population of rising seventh grade black students in the Richmond, Virginia area, emphasizes mathematics and physics. Honors topics instruction will be provided by faculty of the Virginia Commonwealth University (VCU) and by pre-college faculty who are members of the Mathematics Teacher Professional Network. The program aims to nurture student interest in mathematics and physics, establish small group interactions with industry and academic researchers, and develop student research projects. The program includes formal mathematics and physics instruction, team research projects, activities in a space education training facility, and field trips. Selected students participate in a 3-week program, for 2 successive years, consisting of 12 day institutes on the VCU campus during the summer and 6 Saturday morning activities. Academic year follow-up activities include regular mentor contact and group activities through the Richmond Area Mathematics and Science Center. (JDD)

ED 328 121 HE 024 166

Smith, Elsie

Minority High School Student Research Apprenticeship Program.

Virginia Commonwealth Univ., Richmond. Coll. of Humanities and Sciences.

Spons Agency—National Institutes of Health (DHHS), Bethesda, Md.

Pub Date—18 Jun 90
Contract—N55-2-S03-RR032745-09

Note—8p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Apprenticeships, Biomedicine, Career Exploration, Compensation (Remuneration), *Experiential Learning, *Health Occupations, Higher Education, High Schools, Medical Education, Mentors, *Minority Groups, Program Descriptions, Student Interests, *Student Research, Summer Programs

Identifiers—*AASCU ERIC Model Programs Inventory Project, Virginia (Richmond), Virginia Commonwealth University

The Minority High School Student Research Apprenticeship Program in Richmond, Virginia, aspires to stimulate among minority high school students an interest in pursuing careers in biomedical research and the health professions. Students are paid hourly wages commensurate with what they could earn at summer jobs. Students work with faculty mentors in their laboratories for 8 weeks during the summer, learning how to conduct research and report their findings. For an hour each week, the students also meet with officials representing such other aspects of the university as financial aid, admissions, Honors, and undergraduate education. In addition, students in this program interact with middle- and secondary-school minority students in other programs on campus at the same time: a 2-week urban journalism workshop for minority high school students and a Young Scholars program in mathematics for black seventh graders. This project description outlines student selection, program evaluation results, and funding. (Author/JDD)

ED 328 122 HE 024 167

Jena, P.

Promoting Fun in Physics.

Virginia Commonwealth Univ., Richmond. Dept. of Physics.

Pub Date—[90]

Note—12p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Career Awareness, Career Choice, Career Exploration, *College Programs, Demonstrations (Educational), *Educational Experiments, Elementary Secondary Education, Higher Education, Inservice Teacher Education, *Outreach Programs, *Physics, Program Descriptions, Recruitment, *Science Instruction

Identifiers—*AASCU ERIC Model Programs Inventory Project, Virginia, Virginia Commonwealth University

This document reviews a collection of activities conducted by the Department of Physics at Virginia Commonwealth University to excite young people about physics so that they will be more likely to consider physics as a career. The Society of Physics Students performs demonstrations of physics experiments for Virginia high school physics classes and elementary and middle school science classes, to explain the basic principles involved. The Department of Physics sponsors an annual physics show for middle school students. An annual workshop on physics teaching assemblies high school physics teachers from Virginia to discuss improvements in physics teaching and possible recruitment of students into physics. An additional faculty activity is assisting public school students with their science projects. (Author/JDD)

ED 328 123 HE 024 168

Collier, James A.

BSIT Program: A Non-Traditional Learning Opportunity.

Southern Arkansas Univ., Magnolia.

Pub Date—8 Oct 90

Note—9p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Bachelors Degrees, College Programs, Degree Requirements, Experiential Learning, Higher Education, *Industry, *Nontraditional Students, Prior Learning, Reentry Students, *Technology, Weekend Programs

Identifiers—*AASCU ERIC Model Programs Inventory Project, *Southern Arkansas University The BSIT (BS in Industrial Technology) Program, which leads to a Bachelor of Science degree in Industrial Technology, at Southern Arkansas University is focused on the needs of the non-traditional student who desires to complete program requirements while maintaining existing full-time employment. The program also focuses on the needs of local industry in preparing graduates skilled in technology, math, and science. Core courses are offered for full-day sessions on alternate weekends (both Saturdays and Sundays). The program encourages the extension of Associate Degree programs and provides some recognition for on-the-job experiential learning. A list of required courses for the BSIT program is appended. (JDD)

ED 328 124 HE 024 169

MacIsaac, Douglas

Teacher Induction Partnerships Program.

University of Northern Colorado, Greeley.

Pub Date—[90]

Note—12p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Beginning Teacher Induction, Beginning Teachers, *College School Cooperation, Elementary Secondary Education, Experiential Learning, *Extended Teacher Education Programs, Graduate Study, Higher Education, *Internship Programs, Mentors, Program Descriptions, State Universities, Teacher Education, *Teacher Interests, Teaching Experience, Transitional Programs

Identifiers—*AASCU ERIC Model Programs Inventory Project, *University of Northern Colorado

The University of Northern Colorado Teacher In-

duction Partnerships program is designed to accomplish the transition from beginning or re-entry teacher to experienced professional in a smooth and effective fashion. The program provides a reality-based educational experience designed to assist beginning and re-entry teachers in developing and expanding their professional skills during the induction year. Program participants teach full time and attend monthly seminars, and earn a monthly stipend and graduate credits. The program provides professional course work along with field consultation and supervision. Participating school districts provide the context for the field experience utilizing a mentor/protege model. This program description examines the university and public school partnership, funding, program staff, partner teacher and mentor roles, retention, program development, and evaluation. (10 references) (JDD)

ED 328 125 HE 024 170

Sternad, Jeanne And Others

The Greater Cleveland Educational Development Center, College of Education, Cleveland State University.
Cleveland State Univ., Ohio. Coll. of Education.
Pub Date—[90]

Note—27p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*College School Cooperation, *Consortia, *Consultation Programs, Elementary Secondary Education, *Faculty Development, Higher Education, Inservice Education, Inservice Teacher Education, Management Development, Program Descriptions, Program Development, School Districts, *Shared Resources and Services, State Universities

Identifiers—*AASCU ERIC Model Programs Inventory Project, *Cleveland State University OH, Greater Cleveland Educational Development Center OH, Ohio (Northeast)

The Greater Cleveland Educational Development Center is a consortium comprising the College of Education at Cleveland State University, Ohio, and 35 local school districts and educational agencies in northeastern Ohio. The principal mission of the Center is to provide quality staff development programs to teachers and administrators from its member districts as well as to College of Education faculty members and students. Other activities include service to school districts such as research, surveys, program evaluation, and consultation. The collaborative effort has been found to be a successful approach to broadening interaction among personnel in all realms of education and among educational leaders and trainers, while solving many of the inservice and research-related concerns within member districts. This program description document offers a rationale for the development of the Center, goals, program scope, target population, staffing requirements, funding information, program evaluation, and recommendations for replication. An appendix contains a budget, data from a program evaluation survey, and workshop attendance reports. (JDD)

ED 328 126 HE 024 171

Stone, Deborah

Strive Toward Excellence Program.

Akron Univ., Ohio.

Spons Agency—Bridgestone/Firestone Trust Fund.

Pub Date—[90]

Note—12p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—College Bound Students, *College Preparation, *Developmental Studies Programs, Economically Disadvantaged, *Educational Counseling, *Educationally Disadvantaged, Higher Education, High Risk Students, Intermediate Grades, *Minority Groups, Program Descriptions, Secondary Education, Summer

Programs

Identifiers—*AASCU ERIC Model Programs Inventory Project, Strive Toward Excellence Program, University of Akron OH

The Strive Toward Excellence Program (STEP) of the University of Akron (Ohio) is a pre-college preparatory program designed to encourage, motivate, and prepare minority and economically disadvantaged students to acquire a strong secondary education and to attend and successfully complete college. Students are selected while enrolled in the sixth grade and remain in the program throughout high school. During the summer, the students receive instruction in various academic and cultural enrichment/awareness classes at the University of Akron, and take a field trip. During the academic year, workshops are conducted for students and parents, home and school visits are conducted, and therapy and educational groups are available. This paper describes the program, its staffing requirements, operational costs, and interim findings concerning program effectiveness. (JDD)

ED 328 127 HE 024 172

Schabel, H. G.

International Resource Management.

Wisconsin Univ., Stevens Point. Coll. of Natural Resources.

Pub Date—[90]

Note—7p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—College Programs, Conservation Education, Depleted Resources, *Environmental Education, *Global Approach, Higher Education, *Intellectual Disciplines, *Natural Resources, Program Descriptions, Program Development, Specialization, Undergraduate Study

Identifiers—*AASCU ERIC Model Programs Inventory Project, International Resource Management Program

The International Resource Management program enables undergraduate students of the University of Wisconsin, Stevens Point, College of Natural Resources to complete an academic minor in International Resource Management. The program attempts to alert students and faculty to global environmental issues and their interconnectedness with a variety of human enterprises. The program covers the history, causes, and nature and extent of resource depletion; traditional and innovative mechanisms to correct present trends; and organizational aspects of international development. Students are exposed to a combination of educational experiences such as foreign language training, work or study abroad, and a set of technical and general subjects to prepare them for possible volunteer and work assignments abroad. It is felt that the program meets a growing need for individuals with concern for global environmental issues and skills to deal intellectually and practically with environmental problems. Through cooperation with Partners of the Americas, an effort is being made to connect these educational efforts with actual development activities in Wisconsin's partner state, Nicaragua. (JDD)

ED 328 128 HE 024 173

Rodriguez, Yvonne

Collaborative Model for Minority Recruitment

and Retention via the Creation of the Future

Professionals of the 21st Century Club.

Glassboro State Coll., N.J.

Spons Agency—New Jersey Governor's Teacher

Grant Program, Trenton.

Pub Date—5 Jan 89

Note—11p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Achievement, *Academic Aspiration, Academic Persistence, Bilingual Education, Blacks, Black Students, *Clubs, *College Bound Students, College Preparation, *College

School Cooperation, Cooperative Programs, Demonstration Programs, *Disadvantaged Youth, Higher Education, High Schools, Hispanic Americans, Interpersonal Competence, *Minority Groups, Multicultural Education, Self Esteem, Student Recruitment

Identifiers—*AASCU ERIC Model Programs Inventory Project, Camden Public Schools NJ, Glassboro State College NJ

This collaborative project between Camden Public School District and Glassboro State College in Camden, New Jersey, sought to plan, develop, implement, and evaluate a program to enhance self-esteem, academic achievement, and college entrance of economically disadvantaged minority urban youth (Black and Hispanic). Special emphasis was given to the social skills needed to compete in academia. Innovative aspects of the program included: (1) bilingual delivery (in Spanish and English); (2) meetings with participants and teachers held at the high school, not the college; (3) inclusion of a multicultural gender perspective in curricular materials; (4) collaboration between public school and college; (5) creation of a student organization for minority recruitment and retention; and (6) interaction of non-traditional and minority teacher candidates as well as minority professionals who served as role models with minority group high school students. The program was evaluated positively by both students and teachers. (DB)

ED 328 129 HE 024 174

Rodriguez, Joseph

Proposal To Implement a Penn State Educational

Partnership Program in Cooperation with the

School District of the City of Erie, Pennsylvania.

Erie City School District, Pa.

Pub Date—6 Aug 90

Note—11p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Aspiration, *Academic Persistence, *After School Education, *College School Cooperation, Cooperative Programs, Day Camp Programs, *Disadvantaged Youth, Elementary Secondary Education, *Enrichment Activities, Higher Education, High Risk Students, Mentors, Minority Groups, Parent Participation, Summer Programs, Tutoring

Identifiers—*AASCU ERIC Model Programs Inventory Project, Erie City School District PA, Pennsylvania State University, Pennsylvania State University Behrend Campus

This paper proposes a cooperative program between Pennsylvania State University (PSU) and Erie (Pennsylvania) Public Schools to encourage at-risk secondary school students to stay in school and aspire to a college education. The program involves the staged implementation of the following components: (1) an after-school "academy" to provide daily tutoring, socialization, field trips, and speakers; (2) a mentoring program using volunteers from local businesses; (3) a family literacy program; (4) efforts to encourage parental involvement and educational awareness; (5) a summer math/science on-campus program at PSU's Behrend campus; (6) a summer camp program for high-risk middle school students; and (7) inservice and summer programs for teachers. Budget information is included. (DB)

ED 328 130 HE 024 175

Trenkle, Mari R.

Penn State-Behrend/Diehl Elementary School

Adopt-A-School Program.

Pennsylvania State Univ., Erie. Behrend Coll.

Pub Date—[90]

Note—8p.; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-176.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Clubs, *College School Cooperation, Cooperative Programs, Demonstration Programs, Economically Disadvantaged, Elementary Edu-

cation, *Enrichment Activities, Higher Education, *Low Income Groups, Tutorial Programs
Identifiers—*AASCU ERIC Model Programs Inventory Project, *Adopt A School, Erie City School District PA, *Pennsylvania State University Behrend Campus

This paper describes a cooperative project between Pennsylvania State University (Behrend College) and an Erie, Pennsylvania, elementary school which attempted to provide academic enrichment for low-income elementary students, faculty, and staff while providing opportunities for community service to Behrend students, faculty, and staff. The project utilizes special activities and personal attention in school-wide activities, an individual tutoring program, and the Behrend Adopt-A-School Program in which student clubs and organizations provide services to specific classes. Project activities have included a "Student of the Week" program, athletic demonstrations, concerts, a pen pal program, a Homework Help Night, field trips, and a Career Week. Two innovative, more structured activities are being implemented in 1990-91. They are systematic weekly tutoring by 45 Behrend students and a more formal Adopt-A-Class program. Evaluation in terms of grades, achievement scores, attendance, and student attitudes is planned. (DB)

ED 328 131 HE 024 176
Dressner, Rhett

The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho, Spons Agency—National Education Association, Washington, D.C.
Pub Date—[90]

Note—42p; This report is one of a group gathered by the AASCU/ERIC Model Programs Inventory Project, funded by the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities in collaboration with the ERIC Clearinghouse on Higher Education. For related documents see HE 024 163-175. Additional support was received from Lewiston School District, Lewis-Clark State College, Idaho Education Association, and the Lewiston Education Association.

Pub Type—Reports - Descriptive (141) - Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College School Cooperation, Consultation Programs, *Cooperation, Curriculum Development, Demonstration Programs, *Educational Change, Elementary Education, Mastery Learning, *Participative Decision Making, Personal Autonomy, School Community Relationship, Student Participation, *Teacher Administrator Relationship, *Teacher Student Relationship

Identifiers—*AASCU ERIC Model Programs Inventory Project, Lewis Clark State College ID, Lewiston Independent School District ID

This report describes activities from 1986 through 1990 of the Mastery in Learning Project, which focused on "restructuring the school" and "sharing decision making" at one elementary school in Lewiston, Idaho. Based on need surveys of various constituents of school life (administrators, students, teachers, and parents), a faculty-led movement within the school formed four guidance committees: a Teacher-to-Teacher Committee, a Teacher-to-Administrator Committee, a Teacher-to-Student Committee, and a Teacher-to-Community/Parents Committee. A fifth committee, the Steering Committee had representation from the other four committees and the building principal. From an initial focus on faculty autonomy in shared decision making with administrators, the faculty moved towards democracy and shared decision making within their classrooms, involving students in curriculum decisions, playground arbitration, and other aspects of their school lives. Appendixes include a school statement on shared decision making, a survey for curriculum input, and a faculty inventory and its results. Contains 15 references. (Author/DB)

ED 328 132 HE 024 177
Instructional Exchange, Volume 1, Number 1-6, September 1989-March 1990.

Western Michigan Univ., Kalamazoo. Office of Instructional Development and Univ. Assessment.
Pub Date—90
Note—27p.

Available from—Office of Instructional Development and University Assessment, Western Michigan Univ., Kalamazoo, MI 49008-5767.

Journal Cit—Instructional Exchange; v1 n1-6 Sep 1989-Mar 1990

Pub Type—Collected Works - Serials (022) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Class Organization, *Classroom Techniques, *Computer Assisted Testing, Course Descriptions, Course Organization, Curriculum Development, Discussion (Teaching Technique), Higher Education, Instructional Innovation, Learning Strategies, Lecture Method, *Teaching Methods, *Tutorial Programs

Identifiers—Western Michigan University

The six editions of the newsletter provide a forum for the sharing of research findings and instructional strategies by faculty of Western Michigan University. Topics addressed include: active learning; lecture variations; lecture techniques; grading student participation; leading discussions; overcoming silence; discussion challenges; course planning; setting expectations; the first day of class; communicating course components; the syllabus planning checklist; rationale for a syllabus; the PASS computerized system for tutoring and testing students; guidelines for demonstrating PASS; and getting started with PASS. References accompany most articles. (DB)

ED 328 133 HE 024 178

Mortenson, Thomas G.

Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1.

American Coll. Testing Program, Iowa City, Iowa.
Pub Date—Jan 91
Note—141p.

Available from—American College Testing, Educational and Social Research, P.O. Box 168, Iowa City, IA 53343.

Pub Type—Reports - Research (143) - Information Analyses (070) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Academic Achievement, *Access to Education, Black Education, College Choice, College Preparation, Economically Disadvantaged, *Educational Opportunities, *Educational Trends, *Equal Education, *Higher Education, Hispanic Americans, Student Attrition, Womens Education

Identifiers—Higher Education Act 1965

This report presents the results of a study that was conducted concerning the progress through the educational system, since the enactment of the Higher Education Act of 1965, of four large groups of Americans: women, Blacks, Hispanics, and low family income students. The study found that women have made steady and substantial progress over the last 40 years compared to men, and by the late 1980s, their chances of earning a baccalaureate degree were very nearly equal to those of men. The progress of Blacks compared to Whites was stalled after the mid-1970s. Progress in high school graduation and college access was offset by increased attrition in college. Consequently, Blacks' chances for a baccalaureate degree remained only half those of Whites. The low-income family student's chances of earning a baccalaureate degree improved during the 1970s, but was found to be deteriorating sharply during the 1980s. Educational equity achieved by Hispanics as a whole was found to parallel that of Blacks. For Mexican-Americans, however, nothing seems to have helped improve their preparation for and participation in American higher education by the late 1980s. Contains 113 graphs, 10 tables, and 24 references. (GLR)

ED 328 134 HE 024 179

Thorpe, Stephen W.

Forecasting Enrollment in a Period of Institutional Transition. AIR Conference Paper.

Pub Date—Oct 90

Note—9p; Paper presented at the Annual Northeastern AIR Conference (14th, Albany, NY, October 21-23, 1990).

Pub Type—Speeches/Meeting Papers (150) - Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Bachelors Degrees, *Budgeting, *College Planning, College Programs, *Enrollment Projections, Higher Education, Institutional Mission, *Institutional Research, Models, Prediction, School Demography, Two Year Colleges
Identifiers—Wesley College DE

This paper describes an enrollment forecasting model that was developed in 1988 by the Office of Institutional Research for a small, private, liberal arts college (Wesley College, Delaware). The college, shifting in demographics from its historical junior college mission to that of a comprehensive baccalaureate institution, required a forecasting model that took into account this transition of student enrollment from a college providing largely associate and transfer degree programs to one that provides baccalaureate degree programs. An explanation is provided of the model's development and use and includes the assumptions that were required for projecting the composition of the 1988-89 and 1989-90 academic year enrollment. In addition, statistics are provided showing the forecast's enrollment projection error rates and the retention percentages per term and by degree program at admission. The paper concludes with a discussion of how the forecasting model benefitted the college in its budgeting and strategic planning processes. Contains 17 references. (GLR)

ED 328 135 HE 024 180

Altbach, Philip G., Ed. Lomotey, Kofi, Ed.

The Racial Crisis in American Higher Education.

Report No.—ISBN-0-7914-0520-6

Pub Date—15 Feb 91

Note—275p.

Available from—State University of New York Press, State University Plaza, Albany, NY 12246 (\$18.95; paperback—ISBN-0-7914-0521-4).

Pub Type—Books (010) - Collected Works - General (020) - Information Analyses (070)

Document Not Available from EDRS.

Descriptors—Access to Education, Affirmative Action, Case Studies, College Admission, College Environment, *College Faculty, *College Segregation, Equal Opportunities (Jobs), Faculty College Relationship, Faculty Recruitment, Higher Education, *Racial Bias, *Racial Relations, Student College Relationship, *Teacher Integration
This collection of essays addresses the need for continued research in race-related issues on college campuses. The book examines the causes and the impact of campus racial tensions by studying some key university case studies and by investigating some of the underlying elements of the crisis. Essays and their authors are as follows: "The Racial Dilemma in American Higher Education" (Philip G. Altbach); "The Changing Demographics: Problems and Opportunities" (Lewis C. Solmon, Tamara L. Wingard); "Racism and the Model Minority: Asian-Americans in Higher Education" (Sucheng Chan, Ling-chi Wang); "Race Relations on Campus: An Administrative Perspective" (Alan Colon); "The Undergraduate Curriculum and the Issues of Race: Opportunities and Obligations" (Leon Botstein); "Student Affirmative Action in Higher Education: Addressing Underrepresentation" (William T. Trent); "Black Faculty in Academia" (Kenneth W. Jackson); "Making the Short List: Black Candidates and the Faculty Recruitment Process" (Roslyn Arlin Mickelson, Melvin L. Oliver); "Practices of the Academy: Barriers to Access for Chicano Academics" (Maria de la Luz Reyes, John J. Halcon); "White Faculty Struggling with the Effects of Racism" (Joseph Katz); "Columbia University: Individual and Institutional Racism" (Eric L. Hirsch); "Beyond Recruitment and Retention: The Stanford Experience" (Sally Cole); "Race Relations and Attitudes at Arizona State University" (Leonard Gordon); "Cornell Twenty Years Later" (William D. Gurowitz); and a conclusion by Kofi Lomotey. An index is included. (GLR)

ED 328 136 HE 024 181

Nuwer, Hank

Broken Pledges: The Deadly Rite of Hazing.

Report No.—ISBN-0-929264-72-X

Pub Date—90

Note—340p.

Available from—Longstreet Press, Inc., 2150 Newmarket Parkway, Suite 102, Marietta, GA 30067 (\$18.95).

Pub Type—Books (010) - Information Analyses (070)

Document Not Available from EDRS.

Descriptors—College Students, Compliance (Psychology), *Death, *Fraternities, *Group Behavior, *Group Dynamics, Higher Education, High Schools, Inquiry, Legislation, Peer Influence, *Professional Associations, Social Psychology, *Sororities

Identifiers—*Hazing

The practice of hazing in college fraternities, so-

riorities, high school clubs, professional societies, business, the military, and secret societies is investigated. Through the retelling of actual stories involving hazing, the book addresses the questions of why men and women haze and allow themselves to be hazed, how the problems of hazing can be solved, and what this pervasive tradition says about people and their efforts to bond themselves in groups. In particular, the book focuses on an investigation of events leading up to the death of one hazing victim (Chuck Stenzel), who attended Alfred University in New York State, and how his mother (Eileen Stevens) became America's leading anti-hazing advocate. Appended information includes a selective chronology of college hazing incidents and related miscellanea, a glossary, a reference list of news clippings, an appendix, and an index. (GLR)

ED 328 137 HE 024 182
The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major.

Volume 1.
Association of American Colleges, Washington, D.C.

Spons Agency—Department of Education, Washington, DC; Ford Foundation, New York, N.Y.
Report No.—ISBN-0-911696-51-2

Pub Date—Jan 91

Note—47p; For Volume 2 in this set, see HE 024 183.

Available from—Association of American Colleges, 1818 R Street, N.W., Washington, DC 20009 (single copies \$7.00, 20-99 copies \$5.00 ea., 100+ copies \$4.00 ea.).

Pub Type—Reports - General (140) - Information Analyses (070)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Colleges, *Course Evaluation, Educational Change, *Educational Improvement, Educational Needs, *Educational Practices, Higher Education, *Liberal Arts, Majors (Students), *Undergraduate Study, *Units of Study, Universities

This report addresses issues concerning arts and sciences majors, including how students and faculty view the major, the organization of the major in many institutions, restructuring the major, the importance of "connected learning," underrepresented students, and common dialogues across disciplines. Also, the report stresses the importance of the major in the intellectual lives of students and advocates significant changes in the way major programs are offered at colleges and universities across the country. Organizing principles for properly structured majors are discussed; these principles are designed to help the students: (1) develop their capacities to understand and analyze; (2) provide opportunities for students to explore questions and generate their own; (3) help students reflect critically on various approaches to knowledge; and (4) relate to general education in a way that helps the students gain perspective on their own fields as well as others. In addition, the report discusses the elements that are determined to be necessary for every major so that the curriculum structure is clearly understood and meaningful. Finally, examples of promising practices are provided that illustrate the different elements of a well-structured major: curricular coherence; critical perspectives; connected learning; and inclusiveness. (GLR)

ED 328 138 HE 024 183
Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2.

Association of American Colleges, Washington, D.C.

Spons Agency—Department of Education, Washington, DC; Ford Foundation, New York, N.Y.
Report No.—ISBN-0-911696-50-4

Pub Date—Jan 91

Note—234p; For Volume 1 in this set, see HE 024 182.

Available from—Association of American Colleges, 1818 R Street, N.W., Washington, DC 20009 (single copies \$17.00, 20-99 copies \$13.50 ea., 100+ copies \$12.00 ea.).

Pub Type—Reports - General (140) - Information Analyses (070)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Colleges, *Course Evaluation, Educational Change, *Educational Improvement, Educational Needs, *Educational Practices, Higher Education, *Liberal Arts, Majors (Students), *Undergraduate Study, *Units of Study, Universities

ties

This report presents summaries of important issues and needed changes in how colleges and universities treat the undergraduate liberal arts major. This volume, volume 2, contains abridged versions of 12 field reports, written by task forces appointed by the participating learned societies. In the reports, campus practices within the liberal arts majors across the country are reviewed. The findings reflect the problems and challenges that are present in these 12 majors, both within their disciplines and as a part of liberal learning in general. The field reports take into consideration the twin agendas of maintaining the intellectual purpose and coherence of the major program as designed by faculty versus concern for the students' growing competence in making connections through their particular study. The task forces' reports in each field: (1) formulate a rationale for concentrated study that describes the specific contributions that advanced study should make to the overall purposes of undergraduate liberal learning; (2) frame a set of recommendations on ways to strengthen studies-in-depth in the field; and (3) identify exemplary campus programs whose practices suggest promising and significant ways that study-in-depth in the field can contribute to liberal learning. An appendix contains information on how to obtain the unabridged reports. (GLR)

ED 328 139 HE 024 184

Brazziel, William F.

Higher Education and Adult Demography.

Pub Date—88

Note—36p; Ford Foundation seminar.

Pub Type—Information Analyses (070) - Reports

- General (140) - Speeches/Meeting Papers

(150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Adult Education, Baby Boomers, Birth Rate, Census Figures, Cohort Analysis, Colleges, Data Collection, Data Interpretation, *Demography, *Enrollment Projections, Higher Education, Models, *Population Trends, *Predictive Measurement, Student Characteristics, Trend Analysis, Universities

This paper examines the changing demographics of American society and the impact of these changes on higher education. Discussions include a historical background of early American demography, the building and expansion of the population base, and census changes through various generations of the baby boom years and beyond. Next, the report examines efforts in forecasting older student enrollment which enable state and local forecasters to estimate enrollment numbers and institutional market share. Also discussed are the development and use of forecasting models, such as the Older Cohort Participation Matrices (OCPM), and the various data collection sources that are used by the U.S. Census Bureau. Tables of data show population projections from 1990-2080, U.S. population by selected age cohorts, older student population bases from 1921-1986, the older student market base/projected older population cohorts matrix from 1980-1998, and the older student enrollment forecasts/older student enrollment by cohort from 1980-1998. Finally, a review is made of the many factors that affect student population projections, both external and those stemming from the students and institutions themselves, followed by a discussion of the implications these factors will have on colleges and universities as they prepare themselves for this market and attempt to participate in it. Contains 14 references. (GLR)

ED 328 140 HE 024 185

Schapiro, Morton Owen And Others

Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?"

Consortium on Financing Higher Education, Cambridge, MA.

Pub Date—Nov 90

Note—47p.

Pub Type—Reports - Research (143) - Information Analyses (070) - Speeches/Meeting Papers

(150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Applicants, College Bound Students, *College Choice, Comparative Analysis, *Enrollment Influences, Family Income, Higher Education, High Schools, High School Students, Middle Class Parents, *Middle Class Students, Paying for College, *Private Colleges, *Tuition

Identifiers—Consortium on Financing Higher Edu-

cation

This report presents the results of a study examining the effects of rapidly rising tuitions at the nation's "elite" private colleges and universities, and the impact on the enrollment of middle-income students. The paper traces the income background of Consortium on Financing Higher Education (COFHE) schools and shows how students from backgrounds that are middle income and below have weathered the recent period of tuition increases. Shifts in the income distribution of students at COFHE institutions are compared with those of students at other institutions. In addition, a sample of high-achieving high school students is analyzed to examine how application, admission, and matriculation rates at COFHE institutions vary by income group. The report discusses the destinations of top high school students who either turn down an "elite" school or never apply to one, and the same sample of students is used in an analysis of how the net price of attending a COFHE institution varies with income. Finally, the attitudes of parents of top high school students who did not apply to a COFHE school are studied to determine how much these parents believed a COFHE institution would cost them; these are compared to actual costs. Contains eight references and an appendix of income statistics. (GLR)

ED 328 141 HE 024 186

Gibney, Marian

The Collection, Analysis and Presentation of Enrollment and Service Area Data To Support the Strategic Planning Process at Phoenix College.

Emergence of Higher Education in America.

Pub Date—Sep 90

Note—34p; Ed.D. Practicum, Nova University.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Attendance, College Bound Students, College Planning, *Enrollment Trends, Higher Education, Institutional Research, Practicum Papers, Research Methodology, School Statistics

Identifiers—*Phoenix College AZ, Strategic Planning, Zip Codes

The study described in this report was designed to determine student enrollment trends and the service area of Arizona's Phoenix College (PC). Headcount and full-time student equivalent (FTSE) data were collected for fall semesters from 1985 through 1989. The average yearly change in enrollments was calculated and presented in table and graph formats. To determine the PC service area, enrollment totals by zip code were collected for fall 1989 from which a map of the service area was drawn. It was revealed that PC day headcount increased an average of 4.04% per year, and day FTSE increased on the average of 1.92% per year. Evening headcount declined an average of 1.38% per year, and evening FTSE declined an average of 1.76% per year. Zip code analysis showed that approximately 70% of the students at PC lived within an area less than six miles in radius, and enrollment from zip codes that include major thoroughfares extended beyond the six-mile radius. It was concluded that the overall average enrollment trend over the past 4 years at PC has been stable; average growth was approximately 1% per year. Additional enrollment trend studies are recommended, including an examination of trends within demographic subdivisions such as age, gender, and ethnic identity. Contains 14 references. (GLR)

ED 328 142 HE 024 191

Smoot, Joseph G.

Development Achievements for Fiscal 1990.

Pittsburg State Univ., Kans.

Pub Date—1 Oct 91

Note—194p.

Pub Type—Reports - Descriptive (141) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—*Budgets, College Planning, Comparative Analysis, Corporate Support, Donors, *Educational Finance, Endowment Funds, *Financial Support, Higher Education, Institutional Research, School Holding Power, *School Support, Student Recruitment

Identifiers—*Pittsburg State University KS

This document presents the Fiscal Year (FY) 1990 report of Kansas' Pittsburg State University's (PSU) development program. The report addresses the annual fund, the campaign for distinction, the PSU foundation, and development plans for FY

1991. It includes an overview of FY 1990 activities and an executive summary. Among the findings presented are: (1) total private support for FY 1990 was \$3,138,308 compared to \$2,495,876 in FY 1989; (2) there were 3,410 alumni donors; (3) Foundation support amounted to \$49,000 for FY 1990; (4) bequests accounted for \$1,663,645 and business support came to \$338,736; (5) the annual fund increased to \$671,049 compared to \$622,461 in FY 1989; (6) the PSU Foundation investment funds totalled \$10,508,821 at the end of FY 1990, which included \$1,500,000 in real estate holdings. PSU's development program ranked in the top 21% of peer institutions reporting to the Council For Aid to Education in FY 1989, and in the top 8% of those ranked by dollars raised per student. Appendices include annual development calendars, comparative Council For Aid to Education tables, Office of Research proposals and grants, bequests to the University, phonation report, athletics capital campaign report, PSU Foundation by-laws and trustees, PSU endowment as a part of the FY 1989 study of the National Association of College and University Business Officers, and volunteers on University boards and advisory councils. There is also a report of the Student Recruitment and Retention plan for Pittsburgh State University in Appendix 12. (Author/GLR)

ED 328 143 HE 024 192

Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91.

State Univ. of New York, Albany. Central Staff Office of Institutional Research.

Pub Date—Jan 91

Note—630p.

Available from—Office of Institutional Research, State University of New York, State University Plaza, Albany, NY 12246.

Pub Type—Reports—Descriptive (141)—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC26 Plus Postage.

Descriptors—*Adult Education, College Faculty, *Continuing Education Units, Course Descriptions, Data Collection, Educational Trends, Financial Support, Higher Education, *Noncredit Courses, School Registration, Surveys, *Units of Study

Identifiers—*State University of New York

This report summarizes the responses of the State University of New York (SUNY) constituent institutions to the biannual survey of Non-Credit Instructional Activities for January 1, 1990, through June 30, 1990. The format of the report is as follows: Part 1 includes information on non-credit activities and registrations from a SUNY-wide perspective; Part 2 provides non-credit trend data from 1983 through June 30, 1990; and Part 3 includes a listing of all non-credit activities offered at SUNY colleges and universities from January 1, 1990, through June 30, 1990, by subject areas. Non-Credit Course (NCC) reports 1 through 6 are summary reports of the number of non-credit activities and registrations by six categories: subject area, target clientele, organizing unit, instructional type, faculty status, and funding source. NCC reports 7 through 12 are campus detail reports. NCC report 13 indicates Continuing Education Unit (CEU) producing non-credit activities in alphabetical order by campus. Next are trend tables that summarize the number of non-credit activities and registrations for SUNY from 1983 through June 30, 1990. NCC reports 17 through 20 are system detail reports. NCC report 21 is an alphabetized list of all non-credit courses offered at all SUNY institutions for a given academic term. Contains an appendix and publications list. (GLR)

ED 328 144 HE 024 193

Twenty-Fourth Annual Rank-Order Distribution of Administrative Salaries Paid, 1990-91.

Arkansas Univ., Fayetteville. Office of Institutional Research.

Pub Date—31 Dec 90

Note—126p.

Available from—University of Arkansas, Office of Institutional Research, 318 Administration Building, Fayetteville, AR 72701 (\$25.00).

Pub Type—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC06 Plus Postage.

Descriptors—*Administrators, Colleges, Comparative Analysis, *Compensation (Remuneration), Geographic Regions, Higher Education, Land Grant Universities, National Norms, *Salaries, Surveys, Universities

This report summarizes the results of the annual survey conducted by the University of Arkansas in 146 state-supported universities representing 49 states and 32 university systems. The survey includes 12-month salaries of full-time administrators paid at major state-supported universities in the United States. The salaries are distributed in rank order to facilitate comparisons of a participant's relative standing with other universities. The study includes officers whose responsibilities and functions range from the director of a single office to the university president. The report contains data in three major tables: Table 1 provides the ranking of salaries paid among all participating universities; Table 2 is a series of tables showing the salaries paid among the 146 participants and arranged into the 9 regions defined by the Equal Employment Opportunity Commission (the New York and Boston regions are combined); and Table 3 is a table of salaries paid to the university system officers. University systems are defined as a separate administrative structure for a system of multiple general academic institutions, at least one of which has offerings at the doctorate-granting level. (GLR)

ED 328 145

Olsen, Scott A.

Examining the Relationship Between College Core Course Areas and Sophomore Critical Thinking Test Scores.

Pub Date—18 Oct 90

Note—52p.; Paper Presented at the American Evaluation Association's Annual Conference (Washington, DC, October 18, 1990).

Pub Type—Reports—Research (143)—Speeches/Meeting Papers (150)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—Academic Advising, College Curriculum, *College Outcomes Assessment, College Programs, *College Students, *Core Curriculum, *Critical Thinking, Curriculum Evaluation, General Education, Higher Education, Logical Thinking, Required Courses, *Scores, State Universities, *Thinking Skills, Trend Analysis, Identifiers—American College Testing Program, College Outcome Measures Project, Collegiate Assess Acad Proj Crit Think Test, *Northeast Missouri State University

A study examined the relationship between Collegiate Assessment of Academic Proficiency (CAAP) critical thinking test scores and the extent to which students met core general education course requirements at Northeast Missouri State University (NMSU). Data used in the study were collected in required sophomore examinations as part of an established assessment program at NMSU, using a stratified random assignment design controlling three levels of entering ability as measured by American College Testing (ACT) composite scores. Critical Thinking was the independent variable and the CAAP Critical Thinking Test (CT) developed by ACT was the measure of critical thinking employed. Nine core requirement areas were selected: Communications, Mathematics, Sciences, Philosophy, Literature, Fine Arts, Foreign Languages, History and non-history Social Sciences. Patterns of critical thinking (CT) were investigated within each of these areas using a two-way unbalanced analysis of variance design and orthogonal polynomial contrasts. Significant trends in critical thinking scores were found for communications, science, and literature. In philosophy, a significant philosophy by ACT interaction effect was found. However, it should be noted that the relationships recognized were not necessarily cause and effect since certain content areas are more conducive to the development of critical thinking skills than others. Appended is NMSU's Liberal Arts and Science Core Curriculum. Includes 17 references. (LPT)

ED 328 146

Tuckman, Howard And Others

On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering.

National Academy of Sciences - National Research Council, Washington, DC. Office of Scientific and Engineering Personnel.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-309-04085-X

Pub Date—90

Contract—NSF-PRA-8719855

Note—180p.

Available from—National Academy Press, 2101 Constitution Avenue, N.W., Washington, DC

HE 024 197

20418 (\$16.00, export \$19.50).

Pub Type—Information Analyses (070)

EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Achievement, Decision Making, *Doctoral Programs, *Engineering Education, Graduate Students, *Graduate Study, Higher Education, Literature Reviews, Models, *Science Education, Time Factors (Learning), *Time on Task

The project described in this report was designed to render an in-depth analysis of what has happened to doctorate completion times since 1967, to provide a time-series data base for the period 1967-1986, and to develop a model that explains some of the factors that have caused an elongation to occur. Chapter 1 begins with an examination of how and when time to the doctorate (TTD) has been lengthening, illustrated by the rise in mean total TTD from 1967 to 1986 in each of the 11 fields studied. Chapter 2 reviews five avenues of inquiry in the literature as they relate to TTD and models of student decisionmaking. Chapter 3 introduces a causal model of the determinants of TTD based on an opportunity-cost framework of student decisionmaking. Chapter 4 presents selected data on the zero-order correlations between the independent variables in the model and TTD (and its components). Chapter 5 introduces a statistical model and presents a summary of which regression coefficients are significant (and of their signs) for alternative specification of the model. Chapter 6 presents the regression coefficients for the basic model and several variants using registered time to the doctorate (RTD) as the dependent variable. Finally, chapter 7 discusses the findings in this study, their implications, and research questions that warrant further study. Contains an appendix and selected bibliography. (GLR)

ED 328 147

Stewart, Lee

It's Up to You. Women at UBC in the Early Years.

Report No.—ISBN-0-7748-0356-8

Pub Date—Mar 90

Note—176p.

Available from—The University of British Columbia Press, 6344 Memorial Road, Vancouver, British Columbia, Canada V6T 1W5 (cloth bound \$29.95, paper bound \$19.95).

Pub Type—Books (010)—Historical Materials (060)—Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—Academic Freedom, College Environment, College Housing, Deans of Students, *Educational Change, Foreign Countries, Higher Education, History, Home Economics Education, Nursing Education, *Sex Discrimination, Social Problems, Student College Relationship, *Womens Education, Womens Studies

Identifiers—*University of British Columbia (Canada)

This book examines the demands, accomplishments, and limitations of women advocates and educators against the background of the social and cultural conditions which enveloped them. It profiles the experience of women at the University of British Columbia from the founding of the university early in this century until after the Second World War. It also describes the experience of female students and the strategies they devised to participate fully in the academic, cultural, and political life of the university while juggling the contradictory expectations of the academic and social communities. The argument is made that campaigns to open the university to start nursing and home economics programs, to establish the office of dean of women, and to build women's residences each involved the persistent efforts of women reformers, and each eventually succeeded. Further, it is argued that pragmatism, politics, and experience, far more than a passion for feminism within the university or in the province, accounted for the form that these programs and institutions took. Contains an index and 205 references. (GLR)

ED 328 148

HE 024 201

Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg.

Winnipeg Univ. (Manitoba).

Pub Date—Sep 90

Note—51p.

Pub Type—Reports—Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Accessibility (for Disabled), *Access to Education, College Admission, College Environment, Community Involvement, Curriculum Evaluation, *Educational Discrimination, *Educational Improvement, Higher Education, Institutional Research, *Policy Formation, Postsecondary Education, *School Policy, Student Needs, Student Personnel Services, Teacher Attitudes

Identifiers—*University of Winnipeg (Canada)

This report presents the results of a study conducted by the University of Winnipeg, Manitoba, Canada to review the university's policies towards those groups within Canadian society which have low participation rates in post-secondary education. Following the introduction, the section, "Accessibility and the University of Winnipeg," evaluates some recent developments in academic accessibility programming at the university. The section, "University Life and Culture," explains the importance of the relationship between what the school identifies as the culture of the university and accessibility. Student services are the focus of "Options for Improving Student Services." The section "Curriculum, Teaching, and Scholarship: Statement of Objectives" identifies the values and attitudes that shaped the recommendations in the areas of teaching, curriculum, and research. Next, "Proposals on Curriculum," focuses on student retention, particularly in the first year. In "General Curriculum Revisions and Accessibility," the university is urged to initiate a comprehensive development of its curriculum regarding matters of gender, race, ethnicity, class, and disability. "Promotion of the Value of Teaching" presents the recommendation that faculty members be encouraged to explore new pedagogical assumptions and approaches that will improve the classroom experience for students and faculty. Finally, the section "Coordinating and Evaluating Accessibility Initiatives," concludes the report with a statement for the need to ensure the effective coordination and evaluation of accessibility initiatives over the coming years. An appendix and summary of recommendations are included. (GLR)

ED 328 149

HE 024 202

McDonald, Geraldine And Others

Coming and Going: Forty Years of the Fulbright Programme in New Zealand.

New Zealand Council for Educational Research, Wellington, New Zealand-United States Educational Foundation.

Report No.—ISBN-0-908567-89-8

Pub Date—89

Note—81p.

Available from—New Zealand Council for Educational Research Distribution Services, P.O. Box 3237, Wellington, New Zealand.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Cultural Exchange, *Educational History, Exchange Programs, Foreign Countries, Foreign Students, Higher Education, International Cooperation, *International Educational Exchange, International Programs, Participant Satisfaction, Research Opportunities, Special Programs, Student Attitudes, *Student Exchange Programs, Teacher Attitudes, *Teacher Exchange Programs

Identifiers—*Fulbright Exchange Program, *New Zealand

The Fulbright Program in New Zealand funds educational and cultural exchanges with the United States. The program is jointly financed and managed by the two signatory governments. The program is the principal means of academic and technological scholarly exchanges between the two countries. Programs include travel grants to graduate students admitted into doctoral programs at American universities, exchange teachers, cultural grants, senior scholar grants, and educational and vocational development grants. The report illustrates the scope of the Fulbright Program in New Zealand and its impact, based on a survey of 662 New Zealand and United States participants involved between 1948 and 1988. The report contains information on the year the award was granted, category of the award, duration of the award, the recipient's sex, marital status, area of study, home and destination institutions, social contacts, sharing of ideas, publications, continuing contact with the host country, and expectations and their fulfillment. The report's appendices contain data tables and a copy

of the survey questionnaire. (Six references) (JDD)

ED 328 150

HE 024 203

Gee, Ann D., Ed.

Annual Giving Strategies: A Comprehensive Guide to Better Results.

Council for Advancement and Support of Education, Washington, D.C.

Report No.—ISBN-0-89964-277-2

Pub Date—90

Note—217p.

Available from—Council for Advancement and Support of Education, Suite 400, 11 Dupont Circle, Washington, DC 20036 (\$35.00-members; \$45.00-nonmembers).

Pub Type—Guides - Non-Classroom (055) - Collected Works - General (020)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Alumni, Elementary Secondary Education, *Fund Raising, Higher Education, Income, *Institutional Advancement, *Marketing, *Private Financial Support, Private Schools, *Program Development

Identifiers—Annual Funds, Challenge Grants, Direct Mail Campaigns, Matching Funds, Matching Gifts, Phonathons, Telemarketing

This collection of 32 papers focuses on the annual fund as a basic and central part of development programs at schools, colleges, and universities. It describes the fundamental elements of the annual fund from planning to evaluation and sets forth methods of solicitation that reach all the institution's constituencies. Section 1, titled "Overview of the Annual Fund," contains six papers explaining the goals and strategies of the annual fund, its implementation through the planning calendar, methods of linking the annual fund to other programs, and the role of the annual fund in a capital campaign. Section 2, called "Techniques," discusses printed materials, direct mail, direct mail for special constituencies, phonathons, telemarketing, and the use of telemarketing consultants. Section 3, "Special Programs To Boost Success," deals with computer usage, matching gifts, challenge gifts, alumni directories, and events planning. Section 4, "Reaching Your Constituencies," focuses on specific constituencies such as students, reunion attendees, parents, faculty/staff, trustees, and the community. The final section is titled "Recognition and Evaluation" and covers the philosophy of recognition, techniques for recognition, the importance of supporting volunteers, and evaluating success. (JDD)

ED 328 151

HE 024 204

Bok, Derek

Universities and the Future of America.

Report No.—ISBN-0-8223-1036-8

Pub Date—90

Note—135p.

Available from—Duke University Press, 6697 College Station, Durham, NC 27708 (\$14.95).

Pub Type—Books (010) — Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—Altruism, *Citizenship Responsibility, Curriculum, Developed Nations, *Economic Progress, *Educational Responsibility, Ethical Instruction, *Ethics, Higher Education, Humanism, Moral Values, Productivity, Research Universities, *Role of Education, Scientific Research, Social Change, *Social Problems

This expansion of the Sanford Lectures, delivered at Duke University (North Carolina) on March 23 and 24, 1988, discusses the issue of whether universities are doing enough to meet the many challenges that affect the United States' ability to maintain a growing, competitive economy while providing adequate security and opportunity for all its citizens; and the issue of whether universities are doing enough to build a stronger sense of civic responsibility, ethical awareness, and concern for the interests of others. It analyzes how higher education is responding to these issues and how they can contribute even more. It points out the importance of scientific research effort to economic progress and to the position of the United States with other industrial nations. Universities can contribute indirectly but significantly to almost all the efforts required to make the economy stronger and society more humane, especially in the fields of management education, engineering, and public administration. Many forms of personal responsibility that are essential to overcoming the most pressing national problems are being eroded; students need to be helped to develop stronger ethical standards and a greater concern for the welfare of others. Universities must pursue op-

portunities to promote ethical standards and civic responsibility through their curricula, rules of conduct, community service programs, and other policies and practices. References accompany each chapter. (JDD)

ED 328 152

HE 024 205

Wilson, Mary Alice B.

Western Massachusetts Five College/Public School Partnership.

Pub Date—Jun 90

Note—3p.; Paper prepared for presentation at the American Association of Higher Education Conference "Mainstreaming Academic Partnerships" (Chicago, IL, June 17-20, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College School Cooperation, *Consortia, *Cooperative Programs, Elementary Secondary Education, Higher Education, *Shared Resources and Services, Teamwork

Identifiers—*Massachusetts (West), Program Characteristics, *Western Massachusetts Five Coll Pub Sch Partners

The Western Massachusetts Five College/Public School Partnership was organized to strengthen communication and share resources among the schools in western Massachusetts and the members of a higher education consortium called Five Colleges, Inc. (comprising Amherst, Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts at Amherst). The Partnership is directed by a Steering Committee of faculty and administrators from the colleges and schools, and representatives from the Massachusetts State Department of Education and the Massachusetts Teachers Association. The Partnership helps organize school/college collaborative projects and connects groups with each other so that they can expand their own collaborative ideas. The projects are planned by committees of school and college faculty who share a common academic discipline or area of interest. The Partnership sponsors academic-year conferences and seminars as well as summer institutes, research fellowships, and curriculum/resource development projects. The Partnership communicates via a newsletter, an electronic bulletin board, and personal contacts. This paper describes the Partnership's staffing, structure and resources, and evaluation procedures. (JDD)

ED 328 153

HE 024 206

Lopez, Thomas R.

Some African American and Hispanic Voices from the University of Toledo. A Monograph.

Pub Date—91

Note—53p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Affirmative Action, *Blacks, Employment Practices, Equal Opportunities (Jobs), Faculty Recruitment, Governance, Higher Education, *Hispanic Americans, *Job Satisfaction, *Minority Groups, Organizational Climate, Quality of Working Life, *Racial Bias, Racial Composition, Racial Discrimination, School Policy, Social Life, Teacher Alienation, *Teacher Attitudes

Identifiers—African Americans, *University of Toledo OH

A project is described which sought to determine what minority group faculty members think about a variety of issues associated with life at The University of Toledo (Ohio). The project began by grappling with the issue of identifying who were members of selected minority groups. Interviews conducted with the faculty members covered many areas of interest: personnel, research, career advancement, university governance, social life, university goal of recruitment of "minority" group members, affirmative action, tolerance, climate for minority group students, university problems, and recommendations. The picture that emerged from the interviews is that African Americans and Hispanic faculty members feel a strong sense of alienation from the University and a corresponding sense of professional and personal isolation. Interviewees did not see the University as a tolerant place where diversity is positively valued. Respondents in the College of Education were particularly strong in these views. Respondents regarded the University's official desire to increase the number of minority group members at all levels as little more than empty rhetoric. There seemed to be virtually no contact between Hispanics and African Americans

on campus. Recommendations conclude the monograph. (JDD)

ED 328 154 HE 024 207

Haase, Patricia T.
The Origins and Rise of Associate Degree Nursing Education.

Spons Agency—Kellogg Foundation, Battle Creek, Mich.

Report No.—ISBN-0-8223-0991-2

Pub Date—90

Note—210p.

Available from—Duke University Press, 6697 College Station, Durham, NC 27708 (\$37.50 hard cover; \$10.95 paper cover).

Pub Type—Books (010) — Reports - Descriptive (141)

Document Not Available from EDRS.

Descriptors—*Associate Degrees, *Educational History, Federal Aid, Federal Programs, Government Role, Higher Education, Nursing, *Nursing Education, Philanthropic Foundations, Political Influences, Private Financial Support, Program Development, Research Projects, *Social History, *Staff Role, Teacher Education, Two Year Colleges

Identifiers—*Kellogg Foundation

This book offers an analytical history of the associate degree nursing (ADN) program and the role of associate degree nurses in the U.S. health care system. It covers the period from just after World War II to the middle of the 1980s. The support of the W. K. Kellogg Foundation and the Federal Government for ADN education is highlighted. Chapter titles include: "The Roots of the ADN Idea," "Setting the Stage for a New Nursing Program," "The Cooperative Research Project: The ADN Pioneers," "The Impact of the ADN on Nursing Education," "The W. K. Kellogg Foundation and the Four-State Project," "The Federal Government Lends a Hand," "Upheaval Within: The Politics of the Profession," "ADN Education at the Age of Twenty," "The Kellogg Project: The Work Role of the ADN Nurse," "ADN Faculty Preparation," and "Epilogue." A bibliography of over 150 consultants, W. K. Kellogg Foundation archives, government documents, nursing organization publications, monographs, and articles and periodicals is included. (JDD)

ED 328 155 HE 024 208

Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act.

National Association of Student Financial Aid Administrators, Washington, D.C.

Spons Agency—Norwest Student Loan Center, Sioux Falls, SD.

Pub Date—Jul 90

Note—32p.

Available from—National Association of Student Financial Aid Administrators, 1920 L St., N.W., Suite 200, Washington, DC 20036.

Pub Type—Reports - Descriptive (141) — Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Career Development, *Educational Benefits, *Educational Legislation, Federal Aid, Federal Legislation, *Federal Programs, Higher Education, Individual Development, Outcomes of Education, *Personal Narratives, Program Effectiveness, *Student Financial Aid, *Student Loan Programs

Identifiers—*Higher Education Act 1965

This pamphlet profiles almost 50 successful individuals who credit some of their career success to the financial aid made available by the Higher Education Act of 1965. The success stories are arranged in chronological order by year of college attendance, from 1965-66 to 1989-90. The profiles describe the individuals' educational background, career development, family life, and financial situation before receiving financial aid. Emphasis is on financial aid recipients who are members of minority groups. (JDD)

ED 328 156 HE 024 209

Bailey, Wilford S. Littleton, Taylor D.
Athletics and Academics: An Anatomy of Abuses and a Prescription for Reform.

American Council on Education, Washington, D.C.

Report No.—ISBN-0-02-897028-4

Pub Date—91

Note—147p.

Available from—Macmillan Publishing Co., 866 Third Ave., New York, NY 10022.

Pub Type—Books (010) — Reports - Descriptive

(141)

Document Not Available from EDRS.

Descriptors—*Change Strategies, *College Athletics, College Role, Cultural Influences, Discipline, Educational Change, Ethics, Higher Education, *Intercollegiate Cooperation, Moral Values, Program Administration, Sanctions, School Policy, *School Responsibility

Identifiers—National Collegiate Athletic Association

This book discusses the abdication of college/university responsibility for the welfare of student-athletes, the failure of colleges to exercise appropriate controls in the administration of athletic programs, and the intentional violation of institutional policies or regulations governing the conduct of intercollegiate athletics. The first section, "Case History," shows how the forces of American culture have contributed to the development of the existing identity of intercollegiate athletics. The second section, titled "Diagnosis: The Pathology of Infractions," offers a discussion of penalties imposed by the National Collegiate Athletic Association since 1952 and the fundamental and contributing causes of abuses in college sports. The third section, "Prescription for Reform: The Essential Ingredients," presents alternative strategies for achieving and maintaining a relationship between athletics and education that is mutually supportive. The fourth section, "Prescription Refinement: Improving the Prognosis," makes the point that in order to achieve a meaningful reform of college sports, major changes must be made in national governing legislation to span the fissure that exists between athletics and education. The fifth section, "In the Waiting Room: The Prospect for Wholeness," emphasizes the uncertainty of whether meaningful reform will be achieved, and the social and psychological consequences attendant on failure. (JDD)

ED 328 157 HE 024 210

Gibney, Marian

A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education.

Pub Date—Jan 91

Note—57p.; Ed.D. Practicum, Nova University.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Age Differences, *Cultural Differences, *Ethnic Groups, Higher Education, Introductory Courses, *Norm Referenced Tests, Psychology, *Sex Differences, Standardized Tests, *Study Skills, Test Norms, Undergraduate Students

Identifiers—Phoenix College AZ

This study compared the scores of 60 students enrolled in Introduction to Psychology at Phoenix College (Arizona) to national norms on the Study Skills Inventory. The study also analyzed gender differences and compared ethnic groups and age groups. Results indicated that the Phoenix College sample closely reflected the national norm. No clear pattern of differences in study skill scores emerged for gender or ethnicity, while older students scored higher than younger students as well as higher than the national norm. It was concluded that the national norm could be used as a standard against which scores of Phoenix College students could be compared. (20 references) (JDD)

ED 328 158 HE 024 211

Lai, T. H.

The Economic Impact of Liberty University on the Lynchburg Area.

Pub Date—Oct 90

Note—46p.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Church Related Colleges, *Economic Impact, Employment, Expenditures, Higher Education, Income, Private Colleges, *School Business Relationship, *School Community Relationship, Taxes

Identifiers—*Liberty University VA

This study assessed the economic impact of Liberty University (Lynchburg, Virginia) on the local community in the fiscal year 1989-90, and updated a 1980-81 economic impact study. The study used a cash-flow model to measure economic impact on local businesses, local government, and local individuals. Over the 9-year period, total spending by the university and economic impact on the commu-

nity increased by 300%. Local expenditures by the University, faculty, staff, students, and visitors were estimated to be \$42.6 million. The net impact on local government changed from a negative to a positive amount; in 1989-90 local governments allocated \$2.6 million to provide services but received taxes and other revenues of \$3.0 million. The University employed 1,167 local faculty and staff, and an additional 997 local jobs were created due to University-related local expenditures. Personal income in the area rose by 306%. Appendices contain samples of questionnaires used, survey findings, and descriptions and calculations of the models used. (13 references) (JDD)

ED 328 159 HE 024 212

100 Ways Colleges Serve Adults.
College Board, New York, NY. Office of Adult Learning Services.

Report No.—ISBN-0-87447-403-5

Pub Date—90

Note—63p.

Available from—College Board Publications, Box 886, New York, NY 10101-0886 (\$9.95 ea. plus \$2.95 for handling).

Pub Type—Reports - Descriptive (141) — Books (010)

Document Not Available from EDRS.

Descriptors—*Adult Students, *College Admission, Continuing Education, *Educational Counseling, Higher Education, Profiles, Publicity, *School Community Relationship, Student College Relationship, *Student Loan Programs, *Student Recruitment

Identifiers—*Marketing Strategies

This book contains 100 examples (profiles) of how specific colleges across the United States have successfully sought information to better understand the adult learner, developed effective marketing strategies to reach them, and delivered programs and services that adequately serve them. The profiles describe the college's goals and objectives, the identification of the intended audience, and what the practice accomplished. The profiles also describe successful marketing and recruitment techniques, successful retention services, and other undertakings that offered a wide range of support services to adult learners. Profiles are grouped according to the specific areas the schools were addressing in their efforts. These areas include admissions strategies, curricula developed for the adult learner, academic counseling and academic support, financial assistance for adults, various publications created for the adult learner, and community relations. A contact person for each profile is included. (GLR)

ED 328 160 HE 024 213

Wagaw, Teshome G.

The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.

Report No.—ISBN-0-87013-283-0

Pub Date—Aug 90

Note—281p.

Available from—Michigan State University Press, 1405 South Harrison Road, Suite 25, Manly Miles Building, East Lansing, MI 48823-5202 (\$22.00).

Pub Type—Books (010) — Historical Materials (060)

Document Not Available from EDRS.

Descriptors—*Activism, Colleges, *Conflict Resolution, Economic Change, Foreign Countries, Higher Education, *Institutional Role, Outreach Programs, Political Issues, *Role of Education, *Social Action, *Social Change, Universities

Identifiers—*Ethiopia

This book describes the development of institutions of higher education in Ethiopia and the roles they played in the transformation of traditional Ethiopian society. It shows that although other modernizing agencies such as a standing army, parliament, trade unions, and lower institutions of learning may play significant roles in social and economic change, in Ethiopia the institutions of higher learning, and especially their students, contributed significantly to profound revolution. The study also explains that in Ethiopia, higher education institutions were unable to provide viable political organizations to usher in forms of government that would facilitate progress and the quest for freedom from all forms of oppression, want, and persecution. The book is divided into three parts. Part 1 deals with traditional approaches to politics and learning; Part 2 deals with the conception and emergence of modern institutions of higher learning and their interac-

tion with traditional conventions and institutions; and Part 3 covers the postrevolutionary period (since 1974), highlighting the problems confronted, the gains realized, the upheavals precipitated, and the accommodations worked out, or unrealized, between the new political realities and the institutions of higher education. Contains a glossary, a bibliography of 274 listings, and an index. (GLR)

ED 328 161 HE 024 214

Kelly, Gail P., Ed. *Slaughter, Sheila, Ed.*
Women's Higher Education in Comparative Perspective.

Report No.—ISBN-0-7923-0800-X

Pub Date—91

Note—359p.

Available from—Kluwer Academic Publishers, 101

Philip Drive, Norwell, MA 02061 (\$118.00).

Pub Type—Books (010)—Collected Works—General (020)

Document Not Available from EDRS.

Descriptors—*Access to Education, *Comparative Education, Educational Environment, *Equal Education, *Equal Opportunities (Jobs), Foreign Countries, Higher Education, Politics of Education, Postsecondary Education, Power Structure, Social Change, Trend Analysis, *Women Faculty, *Women's Education

Identifiers—Australia, China, India, Israel, Nigeria, Norway, Peru, Sweden, USSR.

This book presents a collection of essays on the effect of national policies and practices on women's access to higher education, the type of courses in which women are enrolled, women's roles as academics, and how the outcomes of higher education affect women in the academic workforce and the economy. Various countries are represented in the discussions: the Soviet Union; the People's Republic of China; Peru; Sweden; the United States; Norway; Israel; Nigeria; India; and Australia. Included in the volume are issues relating to the impact of study abroad, privatization, the fiscal crises of the 1980s, and revolutionary politics on gender-based inequalities in higher education in a range of national settings. Contributing authors and their essays are as follows: "Women and Higher Education: Trends and Perspectives" (Gail P. Kelly, Sheila S. Slaughter); "Women's Education in the USSR: 1950-1985" (Patricia M. Ratliff); "Continuity and Change in Women's Access to Higher Education in the People's Republic of China, 1930-1980" (Grace C. L. Mak); "Women in Higher Education in Africa: Access and Choices" (Eva M. Rathgeber); "Feminist Reflections on the Peruvian University Politics" (Nelly P. Stromquist); "Public and Higher Education Policies Influencing African-American Women" (Beverly Lindsay); "Educational Reforms—Women's Life Patterns: A Swedish Case Study" (Inga Elgqvist-Saltzman); "Public-Private Tendencies within Higher Education in Norway from a Women's Perspective" (Hildur Ve, Nina Fjelde); "Women in Higher Education: Effects of Crises and Change" (Margaret Suberland); "Women in the Academic Profession: Evolution or Stagnation?" (Marie Eliou); "Women at the Top: Female Full Professors in Higher Education in Israel" (Nina Toren); "The Situation of Women in Research Universities in the United States: Within the Inner Circles of Academic Power" (Kathryn M. Moore, Mary Ann D. Sagaris); "Influences on Women's Entry into Male-Dominated Occupations" (Corinna A. Ethington, John C. Smart, Ernest T. Pascarella); "Access, Equity, and Outcomes: Women Students' Participation in Nigerian Higher Education" (Karen Braimah); "Study Abroad: A Competitive Edge for Women" (Susan Oppen); "Gender, Wages, and the Labour Market for Tertiary Graduates in Australia" (Jan Currie); "Feminist Scholarship and the American Academy" (Gail P. Kelly, Carolyn Kormeyer); "Feminist Scholarship as a Vocation" (Patricia J. Gumpert); "Integrating Women into the Curriculum: Multiple Motives and Mixed Emotions" (Patricia MacCorquodale, Judy Lensink); and "Women's Studies in India" (Soma Chintis). The book concludes with a bibliography by David H. Kelley which lists approximately 600 published works in four languages on women's higher education world-wide. Includes an index. (GLR)

ED 328 162 HE 024 215

Cardozer, V. R.
Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101.

Pub Date—91

Note—19p.

R1E JUN 1991

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Practices, *Faculty College Relationship, *Faculty Publishing, *Full Time Faculty, Higher Education, *Policy Formation, *Publish or Perish Issue, *Research, Writing for Publication

Identifiers—University of Texas Permian Basin

The paper argues that a gap exists between institutional policy and practice as it pertains to the relative emphasis placed on teaching and research by university and college professors, and that the teaching-research debate will not be settled until administrators and trustees bring official policies and operating practice into line. Evidence is presented from national surveys showing that many, perhaps most, higher institution faculty do little or no research and publication. Faculty frustration is fostered when they accept the conventional view that all faculty are supposed to be scholars and publishers, but they know they are not. In view of the evidence, it should be possible to persuade institutions of higher education that they can improve teaching performance while simultaneously relieving the feelings of guilt and frustration experienced by many faculty because of the pressure to conduct research and to publish, by establishing policies that recognize that some faculty are productive researchers and some are not. Information is provided about how such a policy would be designed and implemented, with particular attention to the model offered by the land-grant universities and a specific example of such a policy in action, namely, the policy developed by the University of Texas of the Permian Basin, is presented. Finally, a brief analysis summarizes the reasons why universities should implement such policy changes regarding teaching and research requirements. Contains 7 references. (GLR)

ED 328 163 HE 024 216

Sapp, Marty

Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students.

Pub Date—22 Aug 90

Note—17p.; Paper presented at the Annual Convention of the American Psychological Association (98th, Boston, MA, August, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Achievement, *Behavior Modification, *Cognitive Psychology, *Cognitive Restructuring, *College Students, Higher Education, Psychological Studies, Psychotherapy, *Test Anxiety, *Test Wiseness

Identifiers—*Hypnotherapy

A two-group randomized multivariate analysis of covariance (MANCOVA) was used to investigate the effects of cognitive-behavioral hypnosis in reducing test anxiety and improving academic performance in comparison to a Hawthorne control group. Subjects were enrolled in a rigorous introductory psychology course which covered an entire text in one quarter. In addition to randomization, two covariates were used as a statistical control for the selection threat to internal validity. The subjects were measured on two covariates and two dependent variables. The covariates were a midterm course grade for introductory psychology and a pre-test on the Test Anxiety Inventory. There were a decrease in test anxiety and improvements in achievement for the hypnosis group. The treatment gains were maintained at a 6-week follow-up. The study suggests that cognitive-behavioral hypnosis is effective in reducing test anxiety and in improving academic performance. Contains 15 references. (Author/GLR)

ED 328 164 HE 024 217

Molla, Bekele Westbrook, Franklin D.

White Student Attitudes about African American Students in a University Setting. Research Report #9-90.

Maryland Univ., College Park. Counseling Center.

Pub Date—90

Note—26p.

Available from—Division of Testing, Research, and Data Processing, The Counseling Center, Shoemaker Building, University of Maryland, College Park, MD 20742.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Black Students, Classroom Environ-

ment, College Environment, College Students, Higher Education, Interpersonal Relationship, *Racial Attitudes, *Racial Bias, *Racial Relations, *Student Attitudes, White Students

Identifiers—African Americans, *University of Maryland College Park

This report presents the results of a study that compared the attitudes of White university students toward African American students and discusses their perceptions about the classroom and campus environments. The study revealed that White students who had shared a dormitory room with a person of a different racial group and evaluated the experience as good, expressed more positive attitudes about African American people than those who labelled their experiences as bad. Similarly, White students who were enrolled in classes taught by African American instructors expressed less hostility toward African American students. Positive attitudes toward African American students were related to White students' expressions of positive self-confidence, a sense of security in the academic environment, appreciation of interracial interactions, and recognition of contributions by women to academia. Contains 16 references. (Author/GLR)

ED 328 165 HE 024 218

Gerrity, Deborah A. Sedlacek, William E.

A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90.

Maryland Univ., College Park. Counseling Center.

Pub Date—90

Note—18p.

Available from—Division of Testing, Research, and Data Processing, The Counseling Center, Shoemaker Building, University of Maryland, College Park, MD 20742.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Aptitude, *Academic Aspiration, Census Figures, *College Freshmen, Extracurricular Activities, Higher Education, *High School Graduates, High Schools, Responses, Scores, *Student Attitudes, Student Characteristics, *Student Educational Objectives, Student Evaluation, *Student Interests

Identifiers—*University of Maryland College Park

A sample of 725 out of 3,241 incoming freshmen to the University of Maryland, College Park (UMCP) were administered the University New Student Census (UNSC) to determine a group profile for 1990. A selection of basic statistics included the following: (1) 53% of the incoming freshmen were male, and 71% were white; (2) approximately 20% had an A or A+ average in high school, and slightly more than 66% had a B or B+ average; and (3) the average high school GPA (grade point average) for all first-time freshmen was 3.00, and the mean SAT (Scholastic Aptitude Test) score was 1,086. Student responses revealed that about 33% were attending college to get a better job, and their choice of UMCP was because they wanted a good education. All but 1% planned to get at least a baccalaureate degree. Attaining a Master's (M.A. or M.S.) degree was most popular, and 33% of the students planned on attaining a higher degree (doctoral, law, medical, or divinity). Additionally, more than 33% of the students thought incoming freshmen would cheat on exams if they thought they wouldn't get caught, that the two most important issues to solve in society were the ecology/pollution problem and drug abuse, and both men and women said they were not encouraged to explore nontraditional interests in their high school studies and activities. (GLR)

ED 328 166 HE 024 220

Papalewis, Rosemary

Interpretation of Student Data: Contextual Variables and Cultural Implications.

Pub Date—Aug 90

Note—28p.; Paper presented at the National Conference of Professors of Educational Administration (Los Angeles, CA, August, 1990).

Pub Type—Speeches/Meeting Papers (150)—Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Context Effect, *Data Interpretation, Ethnic Bias, Higher Education, Literature Reviews, *Predictor Variables, Sex Bias, Social Bias, Student Attitudes, Teacher Effectiveness, *Teacher Evaluation

This paper explores the common elements identified as context variables that may effect student evaluation of instruction, and presents literature

from sociology, anthropology, and linguistics that offers renewed challenges to researchers in this area of data interpretation. The common context variables that are seen as effecting student evaluation of instruction are as follows: (1) course variables, such as required/elective, day or evening, course level, lecture versus discussion, and others; (2) instructor variables, such as rank, gender, full-time versus part-time, years teaching, individual rapport, and personality characteristics; (3) student variables, such as academic major versus minor, full-time versus part-time, gender, personality characteristics, and others; (4) administration variables, such as student anonymity, direction giving, timing of semester evaluations, etc.; and (5) instrument variables, such as placement of items, number of response alternatives, negative wording of items, and the labeling of all scale points versus labeling only end points. The paper examines teaching effectiveness through the communication style used by the instructor, as well as the biased expectations that can be held by instructors of their students' intellectual performance. Conversely, student bias towards teachers is discussed within the contexts of gender and sociocultural stereotyping. Contains 46 references. (GLR)

ED 328 167 HE 024 221

Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate.

General Accounting Office, Washington, DC. Information Management and Technology Div. Report No.—GAO/IMTEC-91-7

Pub Date—Dec 90

Note—34p.

Available from—U.S. General Accounting Office, P.O. Box 6015, Gaithersburg, MD 20877 (first 5 copies, free, 5+ copies, \$2.00 ea., 25% discount on orders of 100+ copies).

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Students, Databases, Evaluation Methods, Federal Programs, Financial Aids, Higher Education, Information Needs, Investigations, Loan Default, Money Management, Paying for College, Student Loan Programs

Identifiers—*Guaranteed Student Loan Program, *Stafford Student Loan Program

This report presents the results of an investigation which evaluated the Department of Education's data base on Stafford Loans and discusses how the Department can use the information to prevent loan abuses. The investigation's findings reveal that loan defaulters may have obtained about \$109 million in new loans, and that students received millions of dollars in loans over the legal loan limits. Areas where the Department could do more to prevent abuse are highlighted, and the inadequacy of data available to identify abuse is discussed. Also, suggestions are made for interim measures to improve the internal controls in the program. Finally, recommendations designed to help curb the abuses, as well as comments from the Department of Education concerning the evaluation, are presented. Appendices provide information on: (1) the objectives, scope, and methodology of the investigation; (2) problems related to missing, questionable, and erroneous data; (3) comments from the Department of Education; and (4) a list of the major contributors to the report. Tables provide data from examples of four students who have exceeded annual loan limits. (GLR)

ED 328 168 HE 024 222

McMinn, William G.

Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida, Tallahassee. Board of Regents.

Report No.—BOR-88-8

Pub Date—Mar 88

Note—107p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Architectural Drafting, *Architectural Education, Building Design, Construction (Process), *Educational Demand, *Educational Planning, Higher Education, Interior Design,

Landscape, Technical Education
Identifiers—Program Review, *State University System of Florida

This report is an update of a report on the development and status of various programs in architecture and related fields in the State University System of Florida, a report that was submitted to the Board of Regents in May 1983. The objectives of this updated report, like those of the earlier one, are to review the anticipated needs of the various professions for qualified personnel, to attempt to project the growth of the state, and to match the institutional requirements for professional education in these related areas. Schools represented in the review are Florida State University at Tallahassee, Florida Agricultural and Mechanical University at Tallahassee, University of Florida at Gainesville, University of South Florida at Tampa, Florida International University (FIU) at Miami, Florida Atlantic University (FAU) at Boca Raton, and University of Miami at Coral Gables. Two centers were also visited: Florida Center for Urban Design at Tampa, and FAU/FIU Joint Center for Environmental and Urban Problems at Fort Lauderdale. Prior to the program reviews, the 10 original 1983 consultants' recommendations are provided, as well as program evaluations based on the developments that occurred during the interim in response to each recommendation. Appendices include the site visit schedule, a list of the university coordinators, the consultants' vitae, and the academic degree program inventory through January 1988 for all the schools in the report. (GLR)

ED 328 169 HE 024 223

Pettit, Lawrence K.

Ethics in the University.

Pub Date—90

Note—7p.; Speech presented at the Annual Meeting of the Academic Affairs Resource Center (1990).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Colleges, *Conflict of Interest, *Educational Practices, *Ethics, Higher Education, Institutional Mission, Institutional Role, Legal Problems, Research and Development, *Research Universities, School Community Relationship, Standards

The issues of ethics in the university and the role of higher education in society are addressed. Distinctions are made between legal behavior and ethical behavior, and the question of how the university needs to balance the two in order to fulfill its unique role in society while it simultaneously strives to reside and survive within it is discussed. Certain university activities can create problems in ethics, such as economic development activities, intercollegiate athletics, sponsored research, faculty consulting arrangements, and presidential and trustee service on corporate and bank boards. In addition, higher education faces a growing number of new ethical problems simply because of the steady increase in science and technology, raising such issues as the creation of computer viruses, privacy of computer-stored information, and liability for malfunctions in computer programs. How a university governs its own affairs and how its own incentives, traditions, and reward system often inspire unethical behavior are problems for which the university is solely accountable. Such problems arise because universities only use one model of excellence as a standard, that of the major research university. The model frustrates faculty who are not well funded, unreasonably heightens competition, and unnecessarily creates a large, sometimes insatiable, appetite for more funding. (GLR)

ED 328 170 HE 024 224

Bronner, Simon J.

Piled Higher and Deeper: The Folklore of Campus Life.

Report No.—ISBN-0-87483-154-7

Pub Date—90

Note—256p.

Available from—August House, Inc., P.O. Box 3223, Little Rock, AR 72203 (\$9.95 paperback—ISBN-0-87483-154-7; \$19.95 hardcover—ISBN-0-87483-161-x).

Pub Type—Books (010) — Reports - Descriptive (141)

Document Not Available from EDRS.

Descriptors—*Classroom Environment, *College Environment, College Students, *Cultural Context, Culture, Educational History, *Folk Culture,

Higher Education, *Legends, Role of Education, Social Life, *Student Role

This book examines the composition and context of folklore on college campuses, contrasting its more individual character today with its communal traditions in times past, and interpreting what these traditions reveal about the role of students in American society and culture. An introductory section examines the role of folklore in higher education throughout U.S. history. In a section titled "Remember the Tests," the book covers the academic side of college life, including legends and beliefs about exams, grading, cheating, and professors. Under "Remember the Fun" the book covers the social side, such as class competitions, dorm games, practical jokes, singing events, seasonal festivals, sports rituals, and fraternity and sorority traditions. "Remember the Homework That Never Got Done" focuses on various scares and distractions from studies, such as stories of ghosts in the library. A final section offers legends and customs about graduation. Includes over 500 references. (JDD)

ED 328 171 HE 024 225

21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens.

Who's Who among American High School Students, Lake Forest, IL.

Pub Date—[Oct 90]

Note—143p.

Available from—Educational Communications, Inc., 721 N. McKinley Road, Lake Forest, IL 60045. Forest, IL 60045.

Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—*Academically Gifted, Academic Aspiration, Athletics, Career Choice, Current Events, Curriculum, Demography, Drinking, Drug Use, Drug Use Testing, Eating Habits, *Educational Practices, Employment, Environment, Friendship, High Achievement, High Schools, *High School Students, Marriage, Racial Differences, Sex Differences, Sexuality, Smoking, *Social Problems, *Student Attitudes, Student Characteristics, Student Leadership, Suicide, Tobacco

This survey was conducted by Who's Who Among American High School Students during the spring of 1990, to determine the attitudes of student leaders in U.S. high schools. A survey of high achievers sent to 5,000 students was completed and returned by approximately 2,000 students. All students were members of the junior or senior class during the 1989-90 academic year. The survey collected data concerning demographics, education/high school curriculum, student athletes, drug/alcohol testing, employment/allowances, college/career plans, environment, current events/issues of concern to student/heroics, suicide, friendship/marriage, sex-related issues, diet/healthy eating, and drugs/alcohol/tobacco. Questions were tabulated by total response, sex, race, type of school attended, and type of community. (JDD)

ED 328 172 HE 024 226

Crawford, A. E., II

Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. Nebraska Univ., Omaha. Educational and Student Services.

Pub Date—Oct 89

Note—14p.

Journal Cit—ESS Reports; v2 n3 Oct 1989

Pub Type—Collected Works - Serials (022) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Environment, *College Programs, College Students, Higher Education, Participant Satisfaction, State Universities, *Student Attitudes, Student Characteristics, *Student Personnel Services

Identifiers—*University of Nebraska Omaha

Opinions of 681 University of Nebraska at Omaha students concerning college services and the college environment were surveyed, and results compared with four previous surveys. The survey utilized the standardized instrument developed by the American College Testing Corporation along with a series of local information questions. The survey's four sections included: background information (sex, age, ethnic group, and class standing); satisfaction with college services; college environment (academic, admissions, rules and regulations, facilities,

registration, and general); and local information (attitudes towards the college and the major department, and opinions concerning the educational experience). Results showed that from 1986 to 1989 there was a general decline in satisfaction ratings on specific aspects, though students' overall view of the institution remained positive. Areas demonstrating the largest increases in satisfaction were day care, credit by examination, and college mass transit, while areas demonstrating the largest decreases in satisfaction were personal counseling services, career planning services, and parking facilities and services. (Five references) (JDD)

ED 328 173 HE 024 227

Hunnicut, David Davis, Joe
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989.

Nebraska Univ., Omaha. Educational and Student Services.

Pub Date—Aug 89

Note—8p.

Journal Cit.—ESS Reports; v2 n2 Aug 1989

Pub Type—Collected Works - Serials (022) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Alcohol Abuse, College Students, *Drinking, Driving While Intoxicated, Drug Abuse, *Drug Use, Higher Education, Knowledge Level, Smoking, State Universities, *Student Attitudes, *Student Behavior, Substance Abuse, *Tobacco

Identifiers—*University of Nebraska Omaha

This report describes alcohol, tobacco, and other drug use among 715 University of Nebraska at Omaha (UNO) students. The report focuses on drug use at the higher frequency levels, rather than reporting proportions who have ever used various drugs. The separate classes of drugs distinguished are alcohol, tobacco, cocaine, marijuana, and non-prescription "stay-awake" pills. The study investigated such issues as drinking to get drunk; driving after using drugs or alcohol; riding with a driver who has used drugs or alcohol; and drug/alcohol possession, consumption, and intoxication on campus. In addition to analyzing use, the report addresses negative consequences of drinking, perceptions of close friends concerning alcohol and drug use, perceived risk of becoming an alcoholic, and personal knowledge of alcohol and drugs. It is concluded that, although UNO students are well below the national average in terms of drug use, the problem of alcohol abuse is of disturbing proportions, with heavy alcohol use accepted as normal consumption. (Seven references.) (JDD)

ED 328 174 HE 024 228

Brazziel, William F.
Thinking about College Teaching.

Pub Date—9 Feb 91

Note—13p; Paper presented at the Hudson-Mohawk Association Luncheon (Latham, NY, February 9, 1991).

Pub Type—Speeches/Meeting Papers (150) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adolescent Development, Adolescents, *Career Choice, College Faculty, *College Instruction, *Doctoral Degrees, Graduate Study, Higher Education, High Schools, Mentors, Minority Groups, Minority Group Teachers, *Tutoring

This speech, presented to undergraduate students who serve as mentors and tutors to high school students, emphasizes the need for increased high school graduation rates in order for the United States to remain competitive in the world economy and points out the importance of the mentoring program at the Hudson-Mohawk Association in furthering this effort. Mentors should be aware that educating individuals to perform technical work in production and distribution is just as important as developing professionals; they should also be aware of the discouragement and confusion faced by adolescents as they grow up in America today, and the impact of this on the tutoring process. The tutors are encouraged to continue their education, to earn doctoral degrees, and to consider college teaching as a career. Several rewards of college teaching are pointed out, such as working with young people and seeing them grow, and the power to affect society through research, writing, and creative endeavors. The speech also comments on minority representation in higher education, the fluctuating demand for college teachers, financial assistance for doctoral

education, length of time needed to complete a doctorate, college teaching opportunities without a doctorate, and job opportunities outside higher education. (JDD)

ED 328 175 HE 024 229

White, Maureen E.

Public Relations State-of-the-Art 2000: A Shift in Perception.

Pub Date—17 May 90

Note—49p.

Pub Type—Information Analyses (070) — Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Administration, Career Development, Certification, *Communications, Curriculum, Definitions, Ethics, *Futures (of Society), Global Approach, Higher Education, Intellectual Disciplines, *Interpersonal Communication, Minority Groups, Professional Education, *Public Relations, Sex Role, Social History, Specialization, Technology

Identifiers—California State University Sacramento

This paper begins by examining various definitions of public relations and reviewing the history of the profession. The paper then identifies critical concerns, issues, and trends that both the public relations practitioner and the public will face in the future. These issues include ethics, community relations, communication theory and research, technology, organizational communication, issues management and crisis management, feminization of the profession, minorities in the profession, international and intercultural globalization, accreditation and/or licensing, education and curriculum, and career development. A concluding commentary notes that public relations can be an effective communication tool to clarify issues and reduce uncertainty through information and interaction on an interpersonal or mass level. Appendices contain a definition of public relations adopted by the Public Relations Society of America and a proposal for a public relations concentration in the communication studies department at California State University at Sacramento. Includes approximately 100 references. (JDD)

ED 328 176 HE 024 230

Brazziel, Marian E.

Social Mobility in a National Sample of Young Adult Males; How Young People Get Ahead in America.

Pub Date—88

Note—14p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary Secondary Education, Employment Level, Followup Studies, Higher Education, Influences, *Males, *Models, Parent Child Relationship, *Social Mobility, Social Status, *Socioeconomic Status, *Young Adults

This study sought to identify the degree of social mobility across generations and to develop causal models of the sponsors of this mobility. The sample for the study consisted of 7,835 young adult males from the Fourth Follow-Up survey of the National Longitudinal Study. The study analyzed the relationship between mobility and such antecedents as subjects' years of education, fathers' years of education, and class rank. It also analyzed the impact of fathers holding low-status or high-status jobs. An index of mobility was developed by computing the difference between the status rankings of fathers and sons. Analyses indicated considerable mobility in the sample. It is concluded that upward mobility is indeed present in modern American society. However, while there is mobility, sons in the lower reaches will not rise too far and sons in the upper reaches will not fall too far. (JDD)

ED 328 177 HE 024 231

Baccalaureate Origins of Doctorate Recipients; A Ranking by Discipline of 4-Year Private Institutions. 6th Edition, 1920-1988 Data.

Franklin and Marshall Coll., Lancaster, PA. Office of Planning and Institutional Research.

Pub Date—Dec 90

Note—68p.

Pub Type—Numerical/Quantitative Data (110)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Bachelors Degrees, *Doctoral Degrees, Educational Trends, Higher Education, *Intellectual Disciplines, *Private Colleges, Sex Differences, Trend Analysis, *Undergraduate Study

This document summarizes the number of doc-

toral degrees awarded in the United States between 1920 and 1988 by academic discipline, undergraduate institution, and time period. The data include 925 private, four-year, non-doctoral degree granting institutions. Individual institutional data are included for a maximum of 360 colleges and universities in the discipline rankings. The document also features a section summarizing total doctoral activity by discipline, gender, and time period, across all institutions in the sample. Analysis of the data indicates that the average number of doctorates granted annually to baccalaureate graduates of private, non-doctoral-granting institutions has increased dramatically in recent years. The fields in which the largest numbers of doctoral degrees were granted include Education, the Life Sciences, Chemistry, and Psychology. Degrees earned by women continue to account for an increasing share of all doctorates. Appendices contain an alphabetical listing of the 925 institutions, a list of academic fields, and a list of definitions of academic fields. (JDD)

ED 328 178 HE 024 232

Hall, James W.

Access through Innovation: New Colleges for New Students. Continuing Higher Education Series. Report No.—ISBN-0-02-897177-9

Pub Date—91

Note—179p.

Available from—Macmillan Pub. Co., 866 Third Ave., New York, NY 10022 (\$29.95).

Pub Type—Books (010) — Information Analyses (070)

Document Not Available from EDRS.

Descriptors—Access to Education, Adult Education, College Faculty, *Continuing Education, Educational Change, *Educational Environment, Educational Finance, *Educational History, *Educational Innovation, Environmental Influences, Experiential Learning, External Degree Programs, *Futures (of Society), Higher Education, Leadership, Liberal Arts, Multicultural Education, Social Influences, Technology, Undergraduate Study

This examination of innovation and invention in higher education presents the thesis that, contrary to public perceptions about the university and internal attempts at separation and purification, higher education has, from its earliest days, repeatedly introduced far-reaching innovations, responsive to the economic, social, and political needs of an expanding nation. The book's focus is largely on undergraduate, for-credit education. Part 1 examines the American environment for collegial innovation and provides an historic perspective, showing how social and environmental values have actually stimulated both process and product. In Part 2 the emergence in recent years of a number of highly innovative institutions or programmatic approaches is considered. The impact of six complex areas of innovation is measured, including new approaches in the liberal arts curriculum, access for new students, innovation and multiculturalism, adult continuing higher education, external degrees, and experiential degrees. Part 3 projects possible paths and opportunities for innovation in higher education's future and offers some practical examples and suggestions for educational leadership. It addresses the electronic university, changing college faculty roles, institutionalizing change, financing innovation, and innovative leadership. (JDD)

ED 328 179 HE 024 233

The Annual Minority Recruitment and Retention Conference Proceedings (6th, Austin, Texas, April 4-6, 1990).

Texas Higher Education Coordinating Board, Austin.

Pub Date—6 Apr 90

Note—41p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—American Indians, College Curriculum, College Students, Community Colleges, Cultural Pluralism, Equal Education, Excellence in Education, Higher Education, *Minority Groups, *Multicultural Education, Nondiscriminatory Education, *School Holding Power, *Student Attrition, *Student Recruitment, Vocational Education

Identifiers—Strategic Planning

The summarized proceedings of the sixth annual minority recruitment and retention conference which focused on ways to create a multicultural university are presented. Pre-Conference session and Workshop/Roundtable topics and their pre-

senters include the following: "Managing Organizational Culture to Improve Student Achievement" (Richard C. Richardson, Jr. and Tanzeila Gathers); "Transculturalization of Faculty at a Minority Institution" (Rosario Torres Raine and Ward S. Albro III); "Quality Education for Minorities by the Year 2000" (Shirley McBay); "Multiculturalism in Staff Development Programs: A Critical Factor in Recruitment and Retention" (Patricia J. Larke and Felicia G. James); "Minority Student Retention: New Direction for a New Decade" (Kevin R. Carrethers); "Essentials for Creating an Environment to Secure a Multicultural Student Population" (Maude E. Guilford); "Equity and Excellence in Education: Today's Challenge for Building a Positive Future for African-Americans" (Stephanie Robinson); "Diversifying University Curriculum" (Yvonne Becerra); "Securing Private Sector Support for Minority Recruitment" (Gene M. Montegudo); "A Retention Program Model" (Dan Angel); and others; "Hispanic Student Scholarship Initiative" (Albert Guerrero and Rene Lara); "Integrating Strategic Planning and Minority Recruitment" (Felix A. Zamora; Yvonne Robinson and Gloria Dean); "The North Texas Community Connection: Strengthening Student Recruitment and Retention Programs as a Result of the Texas Educational Opportunity Plan" (William G. Sawyer; Harold Bell; Gloria Contreras); and "Tending to the Pipeline of Future Minority Scholars" (Sara E. Brown and Samuel L. Moore). The names and addresses of the principal concurrent and research roundtable presenters are included. (LPT)

ED 328 180

HE 024 234

Abraham, Ansley A.

Racial Issues on Campus: How Students View

Them.

Southern Regional Education Board, Atlanta, Ga.

Pub Date—90

Note—33p.

Available from—Southern Regional Education Board, 592 Tenth St., N.W. Atlanta, GA 30318-5790 (\$7.50).

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Black Colleges, *Black Students, Colleges, College Students, Higher Education, *Minority Groups, Racial Composition, Racial Discrimination, *Racial Relations, *Student Attitudes, Universities, *White Students

A Southern Regional Education Board (SREB) study was conducted in 1988 to examine perceptions of college climate among black students at predominantly white colleges and white students at historically black colleges. Data were obtained from 20 historically black and 20 predominantly white institutions which participated in the 1977 and 1978 SREB studies, including Alabama State, Jackson State and Mississippi State Universities, and University of Maryland-College Park. Returned surveys (N=4,853) were analyzed for information on the student demographics, racial attitudes, satisfaction with institution, minority recruitment, college choice, and academic and social climate. Analysis underscored the need for colleges and universities in the SREB region to re-examine the status of minority students on campuses. Study findings included the following: (1) opinions about campus climate most often reflected status and not race; (2) students generally expressed open-mindedness toward race relations; (3) many white students opposed special considerations for minorities; (4) students questioned the sincerity of minority recruitment efforts and only in this case did opinions diverge along racial lines; and (5) minority group students indicated a lack of opportunity to express their concerns. Fourteen tables are included. (LPT)

ED 328 181

HE 024 235

Adler, Patricia A. Peter Adler

Backboards & Blackboards: CoCollege Athletes and Role Enrollment.

Report No.—ISBN-0-231-07306-2

Pub Date—10 Nov 90

Note—262p.

Available from—Columbia University Press, 562 West 113th Street, New York, NY 10025 (\$35.00).

Pub Type—Books (010) — Reports - Descriptive (141)

Document Not Available from EDRS.

Descriptors—Academic Achievement, Adjustment (to Environment), *Athletes, Attitude Change, Behavior Change, Case Studies, College Athletics, College Role, Conflict of Interest, *Expecta-

tion, Higher Education, Recruitment, *Role Conflict, Role Perception, Role Playing, Role Theory, Self Actualization, *Self Concept, *Self Esteem, Social Background, *Socialization, Social Psychology

A chronological account of the socialization experiences of college basketball players from their recruitment and entry into university through the termination of their college playing careers is presented in this book. After a prologue which describes the methodological techniques used in the 10-year study, chapter 1 presents an overview of the study, discussing the theoretical approach, research setting and subjects. Chapter 2 discusses the athletic backgrounds, recruitment experiences and role expectations of the college athletes studied. Chapter 3 addresses the college athlete's athletic role including the introduction to college level basketball, training into University ball playing, and interactions with fans, media and boosters. Chapter 4 focuses on the athlete's social role and contrasts social expectations with the social realities encountered. Chapter 5 covers the player's academic role, including classroom disappointments and relationships with professors and other students; chapter 6 discusses the socio-psychological effects of the athlete's expanded athletic role; chapter 7 discusses how athletes resolve the role conflicts they encounter; chapter 8 examines how athletes deal with the termination of their athletic participation and identity. Chapter 9 concludes the book with an overview of the changes observed in athletes' selves and the implication of these changes. Extensive chapter notes and 240 references are included. (LPT)

ED 328 182

HE 024 236

Hauptman, Arthur

New Ways of Paying for College.

Report No.—ISBN-0-02-897183-3

Pub Date—Feb 91

Note—240p.

Available from—Macmillan Publishing Company, 866 Third Avenue, New York, NY 10022 (\$27.95).

Pub Type—Books (010) — Collected Works - General (020)

Document Not Available from EDRS.

Descriptors—Colleges, College Students, Corporate Support, *Economically Disadvantaged, Federal Aid, Financial Support, Higher Education, Loan Repayment, Needs Assessment, *Paying for College, Private Financial Support, Public Service, State Aid, *Student Costs, *Student Financial Aid, *Student Loan Programs, *Tuition Grants, Universities, Work Study Programs

Identifiers—Parent Loans for Undergraduate Students Program, State Student Incentive Grants, Supplemental Educational Opportunity Grants

This monograph investigates and discusses the various approaches of innovative financing initiatives in higher education which have developed over the last few years. The 16 chapters and authors are as follows: "Stresses in the Student Financial Aid System" (Martin Kramer); "Evolution and Prospects of Financing Alternatives for Higher Education" (Terry W. Hartle); "An Inventory of Innovative Financing Plans to Help Pay For Higher Education" (Jamie P. Merisotis); "Developing a National College Savings Agenda" (Theodore L. Bracken); "Prepaying for Higher Education: Why It Works" (Richard E. Anderson); "Issues of Equity in College Savings" (Sandy Baum); "New Varieties of Student Loans" (Martin Kramer); "Philanthropy, the Public School, and the University" (Robert H. Koff); "New York State's Liberty Scholarship Program" (Peter J. Keitel); "Corporate Support for Scholarships—A Tale of Two Cities" (John M. Cronin); "Public Service and Student Financial Aid" (Kathryn Mohrman; Susan Stroud); "New Ways of Paying for College: Should the Federal Government Help?" (Janet S. Hansen; Lawrence E. Gladioux); "The States' Role in Financing Higher Education: A Perspective" (Aime C. McGuinness, Jr.); "New Ways to Finance College Costs: An Institutional Budget Officer's Perspective" (Timothy R. Warner); "The Role of Employers in Financing Higher Education" (Ernest A. Lynton); and "The Role of Philanthropy in Higher Education" (Robert L. Payton). Chapter Notes are included. (LPT)

ED 328 183

HE 024 237

Carter, Carol

Majoring in the Rest of Your Life. Career Secrets

for College Students.

Report No.—ISBN-0-374-52224-3

Pub Date—90

Note—223p.

Available from—The Putnam Publishing Group, 390 Murray Hill Parkway, East Rutherford, NJ 07073-2185 (\$7.95).

Pub Type—Books (010) — Guides - General (050)

— Tests/Questionnaires (160)

Document Not Available from EDRS.

Descriptors—*Careers, *College Freshmen, College Students, Communication Skills, *Daily Living Skills, Employment Interviews, Employment Potential, Higher Education, Internship Programs, *Interpersonal Competence, *Job Application, Job Skills, Personnel Management, Programs, Resumes (Personal), *Self Evaluation (Individuals), Stress Management, Time Management

Primarily intended for college freshmen, this book provides practical advice and hints on ways to succeed in college and on setting career goals. Thirteen chapters outline and discuss various life skills and "tools" for succeeding in college and on the job, including planning and organizing, problem solving/analytical skills; creativity/innovativeness; teamwork; people management; leadership; communication and interpersonal skills; stress tolerance; resume-writing and job application. The book also includes effective study tips, suggestions for time management, and a personal inventory assessment quiz. Information on the following: (1) List of Companies with Summer/Winter Internships; (2) Books for Further Reference; (3) A List of Associations and Organizations for College Students; (4) Graduate School: Applying and Getting In; and (5) Continuing Your Education Once You Graduate is appended. A questionnaire requesting comments and suggestions about the book is also included. (LPT)

ED 328 184

HE 024 238

Endo, Jean J. Ed.

Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990).

Association for Institutional Research.

Pub Date—May 90

Note—51p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Educational History, Educational Quality, *Futures (of Society), Higher Education, *Institutional Research, *Leadership, Management Teams, *Teamwork

Identifiers—Association for Institutional Research

Synopses of six conference presentations are provided in this pamphlet, dealing with the theme of leadership and professional standards in university settings and the influence of social and technological challenges. In "Leadership and Team Building: Key Ingredients to the Institutional Research Role of the Future," Robert L. Taylor challenges institutional researchers to play a greater leadership and team building role in their institutions. In "What Does the Future Hold for Institutional Research?", George Keller considers the twin pulls toward greater centralization and greater decentralization of information in higher education, and the issue of external change versus internal demands. "A Personal Retrospective on the Development of Institutional Research," by C. Robert Pace, describes lessons learned on understanding institutional goals, developing questionnaires, and associating institutional research too explicitly with administrative decision making. "A Fundamental Challenge for the Institutional Research Profession," by Frans A. van Vught argues that institutional research lacks a scientific base. "From the Past for the Future," by Gerald W. McLaughlin, examines the role of the Association for Institutional Research over its 30 year history. In "Quality in Higher Education—A Verb, Not a Noun," Lawrence A. Sherr outlines five ingredients of continuous process improvement: honesty, shared vision, patience, commitment, and a theory or plan. (JDD)

ED 328 185

HE 024 240

Robertson, Chris

Participation in Post-Compulsory Schooling in Scotland.

Edinburgh Univ. (Scotland). Centre for Educational Sociology; Strathclyde Univ. (Scotland). Dept. of Statistics and Modelling Science.

Spons Agency—Association of Univ. Teachers (Scotland); Association of Univ. Teachers (Scotland). Educational Trust Fund.

Pub Date—Dec 90

Note—44p; For a related document, see HE 024 241.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, *Access to Education, College Attendance, Curriculum Development, Educational Opportunities, *Enrollment Influences, *Enrollment Rate, Foreign Countries, *Higher Education, *Transitional Programs

Identifiers—*Scotland

This report on young persons' access to higher education in Scotland attempts to determine whether the incidence of students' transition from S4 to voluntary participation in S5 is influenced by the transitions that occur at the end of S5. The project analyzed data from a 10% sample of the S4 cohort of 1983/84. The central question examined whether an earlier transition to higher education is associated with a higher-than-expected transition from S4 to S5. The study found that, compared to Scotland overall, there was a higher voluntary continuation rate in the Strathclyde region both before and after allowing for the individual characteristics that influenced transition. This effect, however, was apparent only for pupils with five or fewer A-C awards at O-grade in S4. The "Strathclyde effect" in voluntary continuation was reduced but remained substantial after controlling for the higher local unemployment rate and could not be explained by the effectiveness of denominational/non-denominational schools. The research left undecided the question of whether the Strathclyde effect resulted from the fact that post-compulsory courses in Strathclyde are more often terminated after 1 year. The report presents conclusions and outlines the likely consequences of any 2-year post-compulsory course for voluntary participation. (10 references) (JDD)

ED 328 186

HE 024 241

McPherson, Andrew And Others
Higher and Higher Education.

Edinburgh Univ. (Scotland). Centre for Educational Sociology; Strathclyde Univ. (Scotland). Dept. of Statistics and Modelling Science.

Spons Agency—Association of Univ. Teachers (Scotland); Association of Univ. Teachers (Scotland). Educational Trust Fund.

Pub Date—90

Note—64p; For a related document, see HE 024 240.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Academic Achievement, *Access to Education, College Attendance, Curriculum Development, Educational Opportunities, Enrollment, *Enrollment Influences, *Enrollment Rate, Enrollment Trends, Foreign Countries, *Higher Education

Identifiers—*Scotland

This report addresses the implications of school course structures for levels of participation in post-compulsory education in Scotland. The report cites a 21.2% level of participation in higher education among the young in Scotland. The paper contends that the structure of the Scottish Higher examination and related examinations (the Ordinary and Standard grades, the National Certificate, and the Certificate of Sixth Year Studies) contributes to Scotland's voluntary participation rates being higher than those of Britain as a whole, principally by reconciling the conflicting demands of access and standards. The report: (1) reviews evidence and arguments concerning voluntary participation and attainment at school, and entry to higher education; (2) analyzes participation in S4 (fourth year, and, for the majority of pupils the final compulsory year), S5, and S6; (3) discusses courses and attainment in S5 and S6 and trends and comparisons in overall attainment; (4) examines destinations after school, mainly applications and entry to higher education, and considers attainment in higher education; (5) attempts to place the functions of the S5 Higher courses in the overall context of post-compulsory participation at the secondary and tertiary levels; and (6) considers what would happen to participation in higher education if the S5 Higher were discontinued, based on empirical research and natural quasi-experiments. (65 references) (JDD)

ED 328 187

HE 024 242

Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. Texas Higher Education Coordinating Board, Austin.

Pub Date—Jul 90

Note—39p.

Pub Type—Opinion Papers (120) — Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Certification, College Faculty, Demand Occupations, Enrollment, Higher Education, *Labor Needs, *Labor Supply, *Nurses, Nursing, *Nursing Education, *State Programs, Student Characteristics, *Supply and Demand Identifiers—*Texas

This report was prepared in response to a mandate by the Texas legislature to study issues relating to the nursing shortage in Texas, career mobility among the various nursing programs, and collaboration among schools in geographic proximity. The data from the study were drawn from five public hearings, a survey of 60 nursing program directors, and discussions of the Nursing Study Committee. The study examines nursing education and licensing in Texas, including licensed vocational nurses, registered nurses, and advanced nursing degrees. The report analyzes the nursing shortage in Texas, Texas nursing programs' efforts to meet that shortage, the nursing faculty shortage, the impact of educational mobility on the shortage, and the changing population of nursing students. The Committee makes recommendations to the Texas Legislature, the Texas Higher Education Coordinating Board, the Board of Nurse Examiners and the Board of Vocational Nurse Examiners, and colleges and universities. Appendices contain the authorizing legislation for the study, minimum faculty qualifications for nursing programs, and statistical data on number of advanced degrees conferred in nursing, registered nurses employed in nursing by highest degree, and staff vacancy rates. (21 references) (JDD)

ED 328 188

HE 024 243

Schmidlein, Frank A.

Planning for Quality: Perils and Possibilities.

Pub Date—Sep 90

Note—20p; Paper presented at the Annual Forum of the European Association for Institutional Research (12th, Lyon, France, September 9-12, 1990).

Pub Type—Speeches/Meeting Papers (150) — Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Decision Making, *Educational Planning, Higher Education, *Influences, *Institutional Administration, Institutional Environment, Institutional Mission, Institutional Role, Organizational Objectives

This paper reports selected findings from a study of formal, institution-wide planning in the United States undertaken by the National Center for Postsecondary Governance and Finance, located at the University of Maryland. The study included a review of higher education planning literature, a survey of administrators at 256 institutions, and intensive interviewing at 16 of those institutions. The study found that the following factors, among others, limit successful formal institution-wide planning: lack of trust and fundamental disagreements over the character of an institution; ideological conflicts over planning concepts; expectations that planning will eliminate decision-making politics; inconsistencies between planning structures and regular institutional decision-making structures and processes; incorrect assumptions about sources of initiatives for change; lack of advocates for specific changes; incorrect assumptions about types of information needed to plan; failure to find a planning process that effectively balances requirements for flexibility with those for control; pressures to address immediate concerns; costs of comprehensive planning processes; and failure to view planning as learning. Characteristics and approaches common to institutions that were successfully determining their directions, despite these many impediments, are outlined. (Six references.) (JDD)

ED 328 189

HE 024 244

Schmidlein, Frank A. Milton, Toby H.

A Review of Literature on Higher Education

Institutional Planning.

National Center for Postsecondary Governance and Finance, College Park, MD.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Note—45p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Decision Making, *Educational Plan-

ning, Higher Education, *Influences, *Institutional Administration, Institutional Environment, Institutional Mission, Organizational Objectives, Theory Practice Relationship

This literature review seeks to provide an assessment of the current status of formal, institution-wide planning in higher education. It offers an overview of the roots and assumptions underlying the conduct of planning; summarizes higher education's experience with formal planning; and offers insights into factors that may limit its effectiveness, including the nature of the organizational contexts within which planning takes place and the problems involved in predicting critical events affecting institutional well-being. The review examines basic world views that affect perceptions of the feasibility of planning and describes implications that various theories of organizational behavior hold for planning. It traces the development of formal planning concepts, and examines literature regarding the feasibility of planning from both theoretical and practical perspectives. A series of conclusions and implications are presented, which answer such questions as "can planning help reconcile the need for collective action with the values of professional autonomy?" and "should planning approaches vary according to institutional circumstances?" Approximately 120 references are appended. (JDD)

ED 328 190

HE 024 246

Inventory of Physical Facilities of Ontario Universities, 1989-90.

Council of Ontario Universities, Toronto.

Report No.—ISBN-0-88799-258-7

Pub Date—Jan 91

Note—100p.

Available from—Council of Ontario Universities, 444 Yonge St., Suite 203, Toronto, Ontario M5B 2H4.

Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—College Buildings, *Educational Facilities, *Facility Inventory, Facility Requirements, Foreign Countries, Higher Education, Space Classification, *Space Utilization, Standards, Universities

Identifiers—*Ontario

Inventory data for the physical facilities of Ontario, Canada, universities are presented, as of November 1989. The first table presents a summary of all net assignable square meters (NASM) by institution. Table 2 presents a detailed breakdown of all NASM, by institution, for each of 20 space categories (such as health service, residential, assembly and exhibition, classroom). Table 3 presents a distribution of NASM categories by age, excluding rental space. Tables 4-22 present institutional space requirements, as measured by space standards compared to actual inventory. Tables 23-32 provide analyses of space generated and inventoried by space type, covering: laboratory, research, academic office, administrative office, library, physical education/athletic, maintenance, and student/central services space. Table 33 summarizes space generated and space inventoried per full-time equivalent student. Appendices include an educational program classification scheme, space classification scheme, definitions of input measures, and 1987 Council of Ontario Universities space guidelines. (JDD)

ED 328 191

HE 024 247

Sangpiboon, Chaomjai

Orientation Program on Work Authorization for

F-1 Thai Students at NYIT.

Pub Date—6 Aug 90

Note—211p; M.S. Thesis, New York Institute of Technology.

Pub Type—Dissertations/Theses - Masters Theses (042)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—College Students, *Compliance (Legal), *Employment Opportunities, *Federal Regulation, *Foreign Students, Higher Education, Legal Responsibility, Program Development, *Teaching Methods

Identifiers—New York Institute of Technology, Thailand

To help Thai students at the New York Institute of Technology (NYIT) learn the differences among various kinds of work authorization and how to appropriately apply for each, this project was developed, implemented, and evaluated. Data were collected from observations at the international student office at NYIT, student interviews, and a ques-

tionnaire. An instructional analysis was completed, and an instructional program was designed. The program involved lecture, discussion, role-play, structured note-taking, exercises, and oral-questioning techniques. This thesis paper describes the project's needs analysis, literature review, instructional task analysis, learning activity development, implementation of instructional delivery, and both formative and summative evaluation. Appendices contain questionnaires, handouts from the instructional program, and evaluation instruments. (20 references) (JDD)

ED 328 192 HE 024 250

NSF's Presidential Young Investigators Program: A Study of the First Two "Classes."
National Science Foundation, Washington, D.C.; Westat, Inc., Rockville, MD.
Report No.—NSF-90-150
Pub Date—Dec 90
Note—89p.

Available from—Forms and Publications Unit, Room 232, National Science Foundation, 1800 G St., N.W., Washington, DC 20550 (free).

Pub Type—Reports—Evaluative (142)

EDRS Price—MF01/PC04 Plus Postage.

Descriptors—Career Ladders, *College Faculty, Engineering, *Federal Programs, Higher Education, Industry, *Participant Characteristics, Private Financial Support, *Program Effectiveness, *Recruitment, Researchers, School Business Relationship, *Scientific Research, Tenure

Identifiers—National Science Foundation, *Presidential Young Investigators Program

The Presidential Young Investigators (PYI) program of the National Science Foundation (NSF) has the goals of attracting and retaining outstanding young faculty members in science and engineering, improving the research capabilities of academic institutions, promoting research funding from the private sector, and fostering cooperation between academia and industry. This report assesses the program by comparing the progress of 388 members of the first two PYI groups with 204 comparable PYI nominee finalists and 197 NSF grantees of similar backgrounds. The study also surveyed individuals who had contact with PYIs. The study examines how they compared in terms of the scope and pace of their research, career progression; development of linkages to, and funding from, industry; and the balance of teaching and research in their activities. Findings indicate that the PYIs were more likely than the other groups to have gained tenure and full professorships. Greater percentages of PYIs reported changes in the direction, pace, and "riskiness" of their research than did regular Grantees, but so did a comparable percentage of Finalists. The program was successful in securing research funding from industry. Department Chairs and faculty colleagues of PYIs found that the program had a positive impact on research quality, but did not indicate a positive impact on effect on teaching, collaboration among faculty, and attracting students. (JDD)

ED 328 193 HE 024 254

To Hold in Trust.
Association of Catholic Colleges and Universities, Washington, D.C.
Report No.—ISBN-1-55833-060-7
Pub Date—91
Note—47p.

Available from—Association of Catholic Colleges and Universities, Suite 650, One DuPont Circle, Washington, DC 20036 (\$5.00 each, 1-9 copies; \$4.50 each, 10 or more copies).

Journal Cit—Current Issues in Catholic Higher Education; v11 n2 Win 1991

Pub Type—Collected Works—Serials (022)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—Administrative Organization, *Board Administrator Relationship, *Catholic Schools, *Church Related Colleges, College Administration, *College Governing Councils, Governance, Higher Education, Private Colleges, *Private Financial Support, Theological Education, *Trustees, Universities

Identifiers—Sponsors

This journal issue explores trusteeship and the role of trustees in governance of Catholic universities. It includes papers with the following titles and authors: "Trustees and Sponsors of Catholic Higher Education: What Should They Be Talking About Together?" (Thomas J. Savage); "Changes in Governance of Catholic Colleges and Universities: Some Practical Observations" (Melanie DiPietro); "The Relationship between Trustees and Sponsoring Re-

ligious Congregations" (Richard V. Warner); "Reflections of a Lay Trustee" (Margaret M. Healy); "The Role of the Young Trustee" (Nancy M. Haegell); "Sponsors and Directors: An Important Conversation" (Robert E. Gibbons); "Sponsorship" (Theodore Drahtmann); and "The Relationship between an Institution's Trustees and Its Sponsoring Religious Community" (Isabelle Keiss). The final paper, "Apostolic Constitution of the Supreme Pontiff" (John Paul II), outlines the identity and mission of a Catholic university, its mission of service, general norms, and transitional norms. An appendix contains an author index for "Current Issues in Catholic Higher Education" from volume 6, number 2 to volume 11, number 1. (JDD)

ED 328 194 HE 024 255

Renewing Undergraduate Education: Recommendations from the Irvine Group.
Irvine Group, Vista, CA.

Spons Agency—Carnegie Corp. of New York, N.Y.; John D. and Catherine T. MacArthur Foundation, Chicago, IL.

Pub Date—Apr 90

Note—11p.

Pub Type—Opinion Papers (120)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Academic Advising, Career Education, *Curriculum Development, *Educational Change, *Educational Improvement, *Educational Needs, Educational Practices, Educational Quality, General Education, Higher Education, Leadership, Liberal Arts, *Undergraduate Study

This paper argues that debate about the need for renewal in undergraduate education should take a back seat to implementation of requisite changes. Evaluation of the renewal process should include obstacles to reform, especially ideological disagreements, time budgets, and reward structures. Five initiatives are proposed to advance the goal of providing a quality undergraduate experience: (1) revitalization of the undergraduate curriculum to include development of general education courses; (2) building a career-oriented emphasis into a liberal arts context; (3) leadership from professors and administrators with a particular dedication to and talent for undergraduate education; (4) better guidance for students on how to constitute their undergraduate careers; and (5) experimentation with curricular options and course formats. Renewal must be led ultimately by college and university presidents, working with faculty, governing boards, students, and external interests. Evaluation should only be used up to the limits of responsible methodology and not be oversold. (JDD)

ED 328 195 HE 024 256

Estes, K. R. And Others
Condom Availability at Four-Year State Universities in the North Central Census Region.

Pub Date—[90]

Note—15p.

Pub Type—Reports—Evaluative (142)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, Contraception, Decision Making, *Disease Control, Health Needs, *Health Programs, Health Promotion, Higher Education, Noninstructional Student Costs, School Health Services, State Universities, *Student Personnel Services, Vending Machines, *Venereal Diseases

Identifiers—*Condoms, United States (North Central)

This survey of 66 4-year state universities with enrollments greater than 5,000 students in the North Central census region investigated the availability of condoms on campuses to prevent sexually transmitted diseases, including acquired immune deficiency syndrome. The survey sought to determine condom availability, location, cost to students, and the institutional levels at which this issue had been raised. Results indicated that condoms were available to students on 57 of the 66 campuses, or 86 percent. Condom availability had been a campus issue on 62 of the campuses. Of the nine institutions not making condoms available on campus, five indicated it had been a campus issue. Condom availability did not appear to be as strong an issue with parents, faculty, or boards of trustees as it was with students, chief health officers, and student affairs staff. The most common areas in which condoms were reported to be available at colleges and universities were at health centers and in restroom vending machines. It is concluded that the extent of condom availability on campuses may be too limited to effectively deal with the increase in sexually

transmitted diseases. (17 references) (JDD)

ED 328 196 HE 024 257

Fraser, J. A. H.
Student Reaction to Contract Grading.
Pub Date—2 Nov 90

Note—23p.; Paper presented at the Conference of Atlantic Educators (Halifax, Nova Scotia, Canada, November 2, 1990).

Pub Type—Speeches/Meeting Papers (150) — Tests/Questionnaires (160)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Behavioral Objectives, Education Majors, Foreign Countries, *Grading, Graduate Study, Higher Education, Participant Satisfaction, *Performance Contracts, *Program Effectiveness, *Student Attitudes, Student Evaluation, Undergraduate Study

Identifiers—Acadia University NS

Opinions of contract grading were received from 51 undergraduate education majors and 28 graduate students majoring in education in Acadia University (Nova Scotia, Canada). Students at both educational levels reacted to contract grading in a clear and decisively positive manner. They agreed that the grading system and assignments were made clear from the beginning, that the system was appropriate, and that grades were assigned fairly. When asked to rank the effectiveness and importance of the various aspects of contract grading, students reported that the key elements were the control they felt they had over the determination of their grades, the clearly stated expectations for performance in the course, criterion referencing of assignments, and the mastery approach to learning. An appendix describes contract tasks required for successful completion of a sample course, and another appendix contains the survey questionnaire. (11 references) (JD)

ED 328 197 HE 024 261

Miller, Richard I.
Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9.

Report No.—ISBN-1-85302-514-3

Pub Date—90

Note—215p.

Available from—Jessica Kingsley Publishers, 118

Pentonville Road, London, England N1 9JN.

Pub Type—Books (010) — Reports—Descriptive

(141) — Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—Access to Education, Accountability, *Change Strategies, *College Administration, College School Cooperation, Demography, *Educational Change, Educational Economics, *Educational Policy, Educational Trends, Ethics, Evaluation Methods, General Education, *Higher Education, International Cooperation, Leadership, Minority Groups, Moral Values, Postsecondary Education, School Business Relationship, Student Characteristics, Teacher Education

The purpose of this book is to provide information and insights about what might be expected in United States higher education in the 1990s. The book uses a tone which is described as "forward-realistic" in its discussion of why particular concerns are coming to prominence now, how American postsecondary education is reacting to the issues, and changes that should be made, especially in policy making. Chapter titles include: "The Past Is Prologue," "Changing Demographics," "Minority Access and Success," "International Competition and Cooperation," "Creative Frugality," "Ethics and Morality," "General Education," "Teacher Education," "Cooperating with Other Sectors," "Assessment and Accountability," "Leadership and Management," and "Strategies for Implementing Changes." References accompany each chapter. (JDD)

ED 328 198 HE 024 262

Cave, Martin And Others
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2.

Report No.—ISBN-1-85302-504-6; ISSN-0954-3716

Pub Date—88

Note—126p.

Available from—Jessica Kingsley Publishers, 13 Brunswick Centre, London, England WC1N 1AF.

Pub Type—Books (010) — Reports—Evaluative

(142)

Document Not Available from EDRS.

Descriptors—Accountability, *Educational Assessment, *Educational Objectives, *Educational Quality, *Evaluation Criteria, Foreign Countries, Higher Education, Input Output Analysis, Instructional Effectiveness, Models, Outcomes of Education, *Performance, Performance-Factors, Research, Standards

Identifiers—*Performance Indicators, *United Kingdom

This book gives an account of the present use and status of performance indicators in British higher education, set against the developing literature and experience of performance indicators in the United States and other countries. The book provides a critical survey of the range of devices being proposed but also points to possible patterns or strategies of use. The first chapter notes how the government of the United Kingdom has changed the assumptions upon which higher education is to be conducted and notes that the introduction of performance indicators forms part of a general shift from academic control over objectives and evaluation to control by the system and its managers. Chapter 2 reviews recent experience in the United Kingdom, the United States, and other countries. Chapters 3 and 4 offer a more technical survey of the components of performance indicators of both teaching and research. The approach relies heavily on a distinction between research and teaching outputs and costs. Chapter 5 reflects on the different models of performance indicators and their modes of application, and proposes how these models might be used by funding bodies and within institutions in the United Kingdom. Includes 138 references. (JDD)

ED 328 199

HE 024 263

Ibsen, David J. S.

A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions.

Pub Date—90

Note—253p; Ph.D. Thesis, University of Toronto. Pub Type—Dissertations/Theses - Doctoral Dissertations (041)

EDRS Price - MF01/PC11 Plus Postage.

Descriptors—*Access to Information, *Bibliographic Databases, Cooperative Programs, *Educational Research, Foreign Countries, Higher Education, *Information Networks, *Information Services, Information Systems, Models, *Program Development, Program Implementation

Identifiers—*China, ERIC

The focus of this project is on the potential implementation of information systems in China which could provide better access to large North American bibliographic databases for the academic community. The development of a general model for implementing any educational innovation in any context is introduced. This general model is then used to evaluate a plan and develop a specific model for implementing a network to provide improved access in China to ERIC (Educational Resources Information Center). Emphasis in developing the model is on social and cultural factors, including language, economics, consideration of China's centralized hierarchical system of social control, and technological change. The proposed model emphasizes cooperation of existing information services to utilize existing resources in the most cost-effective manner and development of a network of computerized information systems to provide better access to both foreign and domestic information. The study used a naturalistic and participant-oriented approach and involved a case study, interviews, and site visits. Appendices contain background information, questionnaires, information on research methodology, detailed research findings, and information on the proposed Chinese Computerized Educational Resources Information Centers. (65 references) (JDD)

ED 328 200

HE 024 264

Wyatt, John

Commitment to Higher Education; Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno.

Report No.—ISBN-0-335-09371-X

Pub Date—90

Note—133p.

Available from—Society for Research into Higher Education and Open University Press, Celtic Court, 22 Ballmoor, Buckingham, England MK18 1XW.

Pub Type—Books (010) — Opinion Papers (120)
Document Not Available from EDRS.

Descriptors—*College Role, Curriculum, *Educational Philosophy, *Educational Responsibility, *Higher Education, *Learning, *Role of Education, Social Responsibility, Universities
Identifiers—Horkheimer (Max), Jaspers (Karl), Leavis (F. R.), Newman (Cardinal John Henry), Ortega y Gasset (Jose), Tillich (Paul), Unamuno (Miguel de)

The purpose of this book is to bring back to public attention seven thinkers who wrote about what they believed to be vital in higher education. Each chapter examines a particularly "key text," in which that thinker considers the nature of higher education. The background for the occasion of the delivery of that text as a speech or written essay is explained, and ways in which those ideas were supported by or developed in that author's other publications are discussed. Each chapter addresses the way human learning occurs, the nature of humanity inevitably linked with learning, responsibilities of the intellectual in society, social role of the university, curricular/organizational issues, and relevance today. A concluding chapter sets out the origin of the European debate about higher education and assesses the impact of these writers. Chapter titles include: "Introduction: Voices To Be Heard"; "J. H. Newman: 'The Idea of a University'"; "Jose Ortega y Gasset: 'Mission of the University—An Uplifting Principle in the History of the Western World'"; "Karl Jaspers: 'The Idea of the University—Communication at the Frontiers'"; "Max Horkheimer: A Justification for a Social Research Institute—To Serve the Truth Relentlessly"; "F. R. Leavis: The University as a 'Creative Centre of Civilization'—The Idea of an English School"; "Paul Tillich: Learning and Living with 'Profundity and Paradox'"; "Miguel de Unamuno: 'University, Unity, Universality'"; and "Conclusion: Inheritance and Legacy." References accompany each chapter. (JDD)

ED 328 201

HE 024 265

Hawthorne, Jeralynne

Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction.

Pub Date—6 Mar 87

Note—30p; Paper presented at the Annual Conference of the National Association for Developmental Education (11th, New Orleans, LA, March 6, 1987).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—College Programs, Higher Education, High Risk Students, Introductory Courses, *Learning Strategies, Modeling (Psychology), Peer Influence, *Peer Teaching, Performance Factors, Predictive Measurement, *Program Effectiveness, *Skill Development, Statistical Analysis, Structural Equation Models, Study Habits, *Study Skills, *Supplementary Education, Undergraduate Study

Identifiers—Olivet Nazarene College IL

Supplemental Course Instruction (SCI) at Olivet Nazarene University is described as a program in which a high achieving student retakes a course successfully completed in order to model desired behaviors for other students. The SCI Leader demonstrates good study skills and organizes small group study sessions. This study examines the effectiveness of the SCI program. Confounding factors such as the voluntary nature of the study sessions and the open admission policy of the college were controlled through structural equation modeling. Structural equation modeling requires that all of the hypothesized relationships between the variables be posited in advance. A total of 461 students enrolled in four freshman-level courses were surveyed, with complete data being obtained for 253 cases which were used in the structural equation analysis. The analysis studied: (1) the effect of factors affecting SCI participation, such as high school rank, marital status, semester load, and expected grade; and (2) the effects of SCI participation on course grade, semester grade point average, and re-enrollment. The study found that the more a student is "at risk" the more likely he or she is to use SCI. The study also found a positive impact of SCI participation on course grade. There were direct effects of SCI on grade point average, suggesting the transfer of study skills learned. (10 references) (JDD)

ED 328 202

HE 024 266

Serafin, Ana Gil

Course Syllabi and Their Effects on Students' Final Grade Performance.

Pub Date—Oct 90

Note—16p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, Behavioral Objectives, *Course Descriptions, *Course Objectives, *Course Organization, Evaluation Criteria, Foreign Countries, Higher Education, Influences, Instructional Effectiveness, *Performance Factors, Teaching Methods, Undergraduate Study

Identifiers—Pedagogical University of Caracas (Venezuela), Venezuela

This study examined the relationship between the changes introduced in a course syllabus for a course titled "Instructional Strategies" and the final grades obtained by freshman and sophomore students in three successive academic periods. A sample of 150 subjects was randomly selected from students enrolled in the course at the Pedagogical University of Caracas, Venezuela. The course syllabus experienced three changes in terms of specific objectives, contents, learning activities, instructional resources, and evaluation criteria. The findings of the study suggest that the changes introduced to the course syllabus did affect the final grade performance of students. It is concluded that more explicit course syllabi, in terms of number of objectives, content, instructional resources, and grading components, represent greater amounts of information that can be better processed in the learning situation. (12 references) (JDD)

ED 328 203

HE 024 267

Gray, John

Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456.

Forest Service (DOA), Washington, D.C.

Pub Date—Oct 88

Note—88p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*College Programs, Continuing Education, *Educational History, Extension Education, *Forestry, Forestry Aides, Forestry Occupations, Graduate Study, Higher Education, Lumber Industry, Postsecondary Education, *Professional Education, Program Development, Research, School Community Relationship, Special Programs, *Technical Education, Two Year Colleges, Undergraduate Study

Identifiers—*United States (South)

This report documents historically the impact of postsecondary forestry and forest-products educational programs in the southern United States. Samples of programs described concentrate on programs that appear to have had an effect on the economy, the resource, or policy. The report discusses the impacts of two types of institutions: the 16 southern universities and colleges offering professional degree programs at the bachelor's or higher levels in forestry and forest-products fields; and 14 community colleges, junior colleges, and other institutions offering 2-year programs at the associate degree level. The report discusses organization of the programs, fields offered, cooperative relationships, program impacts, resident instruction, contribution to the South's professional work force, development of university programs, unique professional degree programs, production of top leaders, training programs for forestry and forest-products technicians, research, case examples of benefits from university research, extension programs, continuing education, and public service. A list of 57 cited published sources, 24 cited unpublished sources, and 60 interviews and letters concludes the report. (JDD)

ED 328 204

HE 024 268

Hustoles, Thomas P., Ed. Connolly, Walter B., Jr., Ed.

Regulating Racial Harassment on Campus: A Legal Compendium.

National Association of Coll. and Univ. Attorneys, Washington, D.C.

Pub Date—90

Note—314p.

Available from—National Association of College and University Attorneys, One Dupont Circle, Suite 620, Washington, DC 20036 (\$27.50).

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Freedom, Compliance (Legal), *Constitutional Law, Court Litigation, Discipline Policy, *Freedom of Speech, Higher Education, Intellectual Freedom, *Legal Responsibility, *Policy Formation, *Racial Bias, Racial Relations, *School Policy

The purpose of this compendium is to provide tools for college and university counsel and administrators to consider their institution's approach concerning the balance of First Amendment values with the harm caused by racial harassment. Section I examines the development of the University of Michigan's initial policy broadly regulating harassment, offering background to the university's experience, the judge's decision, and the revised policy adopted in response to the court decision. Section II consists of sample policies adopted or proposed by colleges and universities, including Stanford University, University of Texas, University of California, University of Wisconsin, University of North Carolina at Charlotte, and Emory University. This section also includes the New York University School of Law's procedures for student discipline, including a broad definition of discipline for "bias," and the Harvard Law School Guidelines for student-sponsored speakers, which include a statement of principle on the "right to dissent" and some examples suggesting the limits of "acceptable dissent." Section III includes selected articles, commentary, and outlines, including, among others: "Public Response to Racist Speech: Considering the Victim's Story" (Mari J. Matsuda); "Looking Ahead to the 1990s: Constitutional Law and American Colleges and Universities" (Martha Minow); "Freedom of Expression under the First Amendment and Racial Harassment on Campus" (Jane Brandt Bulbin); "Racial Harassment at Universities: Legal Issues to Consider when Developing and Implementing a Racial Harassment Policy" (Walter B. Connolly, Jr., and Alison B. Marshall); "The Constitutional Status of Expressive Conduct after the Flag-Burning Decision" (Lawrence White); and "Bibliography: The First Amendment and Racial Harassment on Campus" (Jane Brandt Bulbin and others.) (JDD)

ED 328 205

HE 024 269

Linder, Frederic And Others

The Relationship of Cognitive Style to Academic Performance among Dental Students.

Pub Date—Feb 91

Note—12p; Paper Presented at the Annual Meeting of the Eastern Educational Research Association (Boston, MA, February 1991).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, Cognitive Processes, *Cognitive Style, Dental Schools, *Dental Students, *Field Dependence Independence, Higher Education, *Psychomotor Skills, Student Experience

Identifiers—*Group Embedded Figures Test, *Virginia Commonwealth University

Studies have suggested that field independent (FI) dental dentals perform better in pre-clinical laboratory courses than field dependent (FD) students. A study was conducted to determine the relationship of cognitive learning style to academic performance with 66 second year dental students at Virginia Commonwealth University (Richmond). A brief demographic questionnaire and the Group Embedded Figures Test (GEFT) were administered to the students who had completed three pre-clinical courses containing laboratory components which required demonstration of psychomotor skills. Pre-clinical grades based on laboratory projects requiring psychomotor skills were also gathered. Results indicated that: (1) students as a whole were field independent; and (2) there were no statistically significant gender, race, or ethnic differences concerning cognitive style. However, a statistically significant relationship existed between the Group Embedded Figures Test scores and preclinical course grades, and also between student handedness (right versus left hand dominance) and cognitive style. Students who were ranked upper third of the class by course grades were the most field independent learners. Right handed students were more field independent than left handed students. Dental educators can identify FD students through the GEFT and institute program changes to meet their learning needs. Seven references and one figure are included. (Author/LPT)

ED 328 206

HE 024 270

Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities.

Hearing before the Committee on Education and Labor, House of Representatives, One Hundred First Congress, Second Session.

Congress of the U.S., Washington, D.C. House Committee on Education and Labor.

Pub Date—16 Dec 90

Note—224p; Serial No. 101-128.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—*Access to Education, American Indians, *Black Colleges, Blacks, College Students, *Educational Finance, *Educational Needs, Educational Opportunities, Enrollment, *Financial Support, Hearings, Higher Education, Hispanic Americans, Institutional Mission, Minority Groups, Research Universities, *State Aid, Student Attrition, Student Financial Aid, Student Loan Programs, Universities

Identifiers—Congress 101st, *Higher Education Act 1965

This document reports oral and written testimony given for an oversight hearing by witnesses concerning the reauthorization of the Higher Education Act of 1965 primarily as it affects Black colleges and universities. Witnesses included college presidents from historically black colleges/universities including Smith University (North Carolina), Florida Agricultural and Mechanical University, Bethune-Cookman College (Florida), Medgar Evers College (New York), Wiley College (Texas), Hampton University (Virginia), North Carolina Central University, University of Arkansas, Clark Atlanta University (Georgia), Virginia State University, Meharry Medical School (Tennessee), North Carolina Agricultural and Technical State University, and Lincoln University (Pennsylvania). Their testimonies focused on problems experienced by those institutions in their effort to matriculate and graduate black and other minority students. Witnesses spoke of such issues as: the lack of federal and state support in the development of black universities/colleges; rapid decline in college enrollments among minorities; lack of access to higher education for minorities; and need for student financial aid. Statements by an executive of the Philip Morris Companies and Congressman William Grey and Augustus F. Hawkins are also included. (LPT)

ED 328 207

HE 024 271

Fisher, James L.

The Board and the President

Report No.—ISBN-0-02-897149-3

Pub Date—Mar 91

Note—163p.

Available from—Macmillan Publishing Company, 866 Third Ave., New York 10022 (\$27.95).

Pub Type—Books (010) — Reports - Descriptive (141)

Document Not Available from EDRS.

Descriptors—Administrator Effectiveness, Administrator Responsibility, Administrator Role, *Administrator Selection, *Board Administrator Relationship, College Administration, *College Presidents, Colleges, Governance, *Governing Boards, Higher Education, Institutional Administration, Institutional Evaluation, *Leadership, Leadership Qualities, Policy Formation, *Search Committees (Personnel), Trustees, Universities

Written for trustees and college/university presidents, this book examines and discusses the relationship between the governing board and college presidents in higher education. Chapter 1 provides an overview of the college presidency. Chapter 2 presents a review of the research on leadership which demonstrates that the policies and practices of most governing boards are antithetical to effective presidential leadership; Chapter 3 presents the existing systematic research on the effective college president. The next chapter discusses the presidential search, identifies existing problems with the process and proposes a solution. Chapter 5 discusses the institutional evaluation process, emphasizing its importance in presidential selection and helping the president assess current situations. Chapter 6, "Board and Campus Governance" emphasizes the importance of externally conducted reviews of all board policies and practices to ensure that they are compatible with the board's expectations of the president. Chapter 7 examines the presidential evaluation and gives suggestions for suitable methods for seeking faculty and student opinion. Chapter 8 discusses presidential compensation from appoint-

ment to departure and other appropriate strategies for improving presidential compensation, and Chapter 9 concludes the book with a discussion of presidential responsibility, and the differences between responsibility, authority, and accountability. Appended are examples of institutional reviews, meeting agendas, compensation studies, and other relevant documents. One hundred-seventeen references are included. (LPT)

IR

ED 328 208

IR 014 692

McKeown, Edward N.

Introducing New Technology: Chasing a Dream.

Pub Date—Mar 90

Note—9p; Paper presented at the International Conference on Technology and Education (7th, Brussels, Belgium, March 20-22, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adoption (Ideas), Change Strategies, Comparative Analysis, *Computer Assisted Instruction, Cost Effectiveness, *Educational Change, Elementary Secondary Education, Financial Support, Foreign Countries, Inservice Teacher Education, Local Area Networks, Microcomputers, Postsecondary Education, Professional Continuing Education, *Program Implementation

Identifiers—*Ontario (Toronto)

This report on the implementation of computer technology in Toronto elementary and secondary schools was based on an analysis of current implementation compared to what had been envisioned for the system in 1985. The following impediments to implementation were noted: (1) financial constraints due to a lack of provincial operating funds; (2) hardware demands and the need to update and/or replace computers as they become obsolete in the changing technological market; (3) software finding and selecting quality programs from the vast quantity available, and then integrating their use into the classroom; (4) a need for inservice teacher education and continuing teacher education to facilitate the use of computers and other innovative technologies; (5) a need for technical support staff who will set up the technology and ensure its continued operation; (6) a need for curriculum support staff who are familiar with new technology and can assist teachers with curriculum development; and (7) political realities, particularly as they pertain to the allocation of resources and equality of opportunity. It is concluded that new materials, new practices, and new beliefs must also be addressed in order to effect educational change. (DB)

ED 328 209

IR 014 695

Page, Marilyn

Microphones and Educational Media.

Pub Date—[90]

Note—11p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Acoustics, *Audio Equipment, Audiotype Recordings, *Microphones, Noise (Sound), Production Techniques

This paper describes the types of microphones that are available for use in media production. Definitions of 16 words and phrases used to describe microphones are followed by detailed descriptions of the two kinds of microphones as classified by mode of operation, i.e., velocity, or ribbon microphones, and pressure operated microphones, which include crystal, moving coil, carbon granule, and capacitor microphones. It is noted that microphones are also classified according to the way they respond to sounds emanating from different directions: the omnidirectional microphone picks up sounds from all directions, whereas uni-directional microphones are sensitive to sounds from directly in front of the microphone. The latter include cardioid, supercardioid, and hypercardioid microphones. Specialty microphones are also mentioned: the parabolic reflector, lavalier, machine gun, tie-clip, zoom, and pressure zone microphones. A description of a conference microphone—i.e., one that maximizes the clarity of speech around a table—concludes the paper. (DB)

ED 328 210

IR 014 717

Whalley, Peter

HyperTechnic-A Graphic Object-Oriented Con-

RIE JUN 1991

Control Language.

Pub Date—Mar 90

Note—5p.; Paper presented at the International Conference on Technology and Education (7th, Brussels, Belgium, March 20-22, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Authoring Aids (Programming), Computer Assisted Instruction, Computer Graphics, *Computer System Design, Elementary Secondary Education, Foreign Countries, *Hypermedia, *Programming Languages

Identifiers—Computer Scripts, HyperCard, Microworlds

The fundamental problem for control languages is that they must be able to deal with the simultaneous actions of multiple objects. Accordingly, it is the basic premise of the HyperTechnic system that it is easier for children to view control problems in terms of relationships between multiple agents, rather than as one agent responding to a multiplicity of conditions. Implemented within the HyperCard programming environment, the HyperTechnic program can be conceptualized as a system of layers. The first layer represents direct matching of symbolic icons and physical entities. The second layer gives an overview of each object, what it is, and what it can do. The third layer, or scripting level, allows the children to work out scripts before entering them. Future developments of the HyperTechnic system will make it more of a device language, requiring older children to create a control environment that mirrors the micro world they are building. Evaluation of the mental models developed by children using both constraint and actor languages would be a good starting point for empirical investigations into the success of this system and others similar to it. (6 references) (DB)

ED 328 211

IR 014 732

Barker, Philip And Others

[Papers of the ELF Project].

Pub Date—Mar 90

Note—17p.; Papers presented at the International Conference on Technology and Education (7th, Brussels, Belgium, March 20-22, 1990).

Pub Type—Reports - Descriptive (141) - Reports - Research (143) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Artificial Intelligence, *Authoring Aids (Programming), *Computer Assisted Instruction, Computer Networks, Computer Software Development, Foreign Countries, Higher Education, Information Technology, *Microcomputers, Student Attitudes, Teacher Attitudes, Technological Advancement

Identifiers—*Electronic Learning Package Factory, England, University of Bradford

The five papers in this collection discuss various aspects of the Electronic Learning Package Factory (ELF) project at the University of Bradford in England. In the first paper, "Adoption of CAL in Higher Education: A Cooperative Approach to Research, Development and Implementation," Philip Barker considers the opportunities for collaborative implementation of simple user-friendly software tools in computer assisted learning (CAL) in higher education. In the second paper, "The Computerisation of a UK University: The Bradford Experience," Tom Stonier, Stephen J. Fallows, and Andrew Radtke examine the background to the computerization project and the rationales behind providing networking facilities to the entire campus and encouraging ownership of microcomputers. In the third paper, "The Development of ELFSoft: A User-Friendly CAL Authoring System," T. R. King and S. J. Fallows examine a form-based design system called the ELF Starter Pack, which can be used by novice computer users to generate simple but sophisticated software. The features and technical requirements of the ELF Starter Pack are reviewed by T. R. King and S. J. Fallows in the fourth paper, "ELFSoft: A Simple But Effective CAL Authoring System." (In the fifth paper, "A Study of Attitudes towards Computerisation of the University of Bradford," A. L. Radtke and T. Stonier describe a survey of 190 students and 321 faculty designed to ascertain their opinions on computerization of the university, as well as to collect data on their current and projected usage of microcomputers. (DB)

ED 328 212

IR 014 806

Spensley, Fiona Elsom-Cook, Mark

Dominie: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74.

RIE JUN 1991

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—[89]

Note—38p.; Computer Assisted Learning Research Group TR No. 74. For related reports, see IR 014 807-809 and IR 014 811-813.

Pub Type—Guides - Non-Classroom (055) - Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Artificial Intelligence, *Computer Assisted Instruction, *Computer System Design, Educational Strategies, Evaluation Methods, *Expert Systems, Higher Education, *Programmed Tutoring

Identifiers—*Dominie Intelligent Tutoring System UK, Knowledge Representation

This document outlines the strategies that are used for teaching and assessment in Dominie, an intelligent tutoring system designed to enable the user to operate a computer interface independently. Eight interaction modes are described in detail: four teaching strategies (cognitive apprenticeship, successive refinement, discovery learning, and abstraction) and four evaluation or assessment strategies (practice, direct assessment, discovery assessment, and Socratic diagnosis). Each strategy contains three decisions: (1) the selection of a general area, or, "Select-a-task"; (2) the selection of a teaching strategy for that area, "Select-a-method"; and (3) the selection of a teaching goal, "Select-a-goal." The document follows the format of the control structure, describing each decision step in order of access and then outlining the tutorial and assessment strategies individually. The appendix contains a glossary of terminology used in the document, and a list of additional related technical reports. (7 references) (DB)

ED 328 213

IR 014 807

Elsom-Cook, Mark

Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4.

Open Univ., Walton, Bletchley, Bucks (England).

Inst. of Educational Technology.

Pub Date—[86]

Note—15p.; A product of the Centre for Information Technology in Education (CITE). For related reports, see IR 014 806-809 and IR 014 811-813.

Pub Type—Information Analyses (070) - Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Artificial Intelligence, *Computer Assisted Instruction, Educational Environment, Expert Systems, *Instructional Systems, Interaction, *Programmed Tutoring, Teacher Student Relationship

The purpose of the paper is to outline some of the major ways in which artificial intelligence research and techniques can affect usage of computers in an educational environment. The role of artificial intelligence is defined, and the difference between Computer Aided Instruction (CAI) and Intelligent Computer Aided Instruction (ICAI) is discussed. It is noted that the components of ICAI are similar to those of any traditional educational exchange in that they consist of a student, a teacher, and an environment. Distinctions are drawn between different existing programmed tutoring systems such as LOGO, GUIDON, Lisp, WHY, WEST, and IMPART in terms of: (1) user model, which forms a basis for assessment of the student, and constrains presentation of material, tasks, and generated examples to a form appropriate for the student; (2) domain knowledge, including domains with unconnected facts, closed domains with an underlying structure and a finite number of components, and open domains containing an infinite number of components and relationships; and (3) interaction style, which describes the relationship between the teacher and the student as well as the interaction between the environment and the student. It is concluded that further research on intelligent tutoring systems is required, but that one possible application of artificial intelligence technologies in education is the simplification of existing CAI approaches so that CAI can be used more extensively. (11 references) (DB)

ED 328 214

IR 014 808

Elsom-Cook, Mark

Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10.

Open Univ., Walton, Bletchley, Bucks (England).

Inst. of Educational Technology.

Pub Date—30 Apr 87

Note—11p.; A product of the Centre for Informa-

tion Technology in Education (CITE). For related reports, see IR 014 806-809 and IR 014 811-813.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Artificial Intelligence, *Computer Assisted Instruction, Distance Education, Educational Research, *Expert Systems, Foreign Countries, Higher Education, Open Universities, *Programmed Tutoring, Teaching Machines

Identifiers—*Open University (Great Britain)

This document introduces the aims and activities of the Intelligent Computer Aided Instruction (ICAI) research community situated within the Centre for Information Technology in Education (CITE) at the Open University in Great Britain, outlines the nature of the problems which come under the auspices of ICAI, and describes the research contribution being made in this area. The first of two sections presents a definition of ICAI and discusses its goals, methods of approaching ICAI, the current state of ICAI research, and the potential for expanded research in ICAI. The second section examines the existing ICAI community at the Open University, and describes the application of ICAI for teaching arithmetic, musical composition, and foreign language skills. Also outlined are research studies on problem-solving by students in physics, the analysis of structured tutoring dialogues, and other theoretically based issues in the application of artificial intelligence to education. The paper concludes with brief descriptions of the Open University as an environment for ICAI research and of the resources available for that research. A complete list of CITE reports is appended. (DB)

ED 328 215

IR 014 809

Elsom-Cook, Mark

Guided Discovery Tutoring and Bounded User

Modelling. CITE Report No. 13.

Open Univ., Walton, Bletchley, Bucks (England).

Inst. of Educational Technology.

Pub Date—88

Note—18p.; A product of the Centre for Information Technology in Education (CITE). For related reports, see IR 014 806-808 and IR 014 811-813.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Computer Assisted Instruction, *Discovery Learning, Expert Systems, Instructional Systems, Interaction, Models, *Programmed Tutoring, Teacher Student Relationship, *Teaching Methods

This paper discusses a range of teaching styles possible for use in Intelligent Computer Aided Instruction (ICAI) and suggests that they may usefully be thought of as points within a framework of guided discovery teaching methods. The nature of guidance in tutoring and possible ways of providing guidance are discussed in the context of teacher-student relationships and the teaching interaction that occurs during an educational exchange. The use of Bounded User modelling within a guided discovery framework is introduced, and an application of the technique in a Lisp teaching system is described. Also mentioned are various instructional programmed tutoring systems including GUIDON, WHY, WEST, and IMPART. Extensions to the system to support more flexibility of teaching styles in conjunction with the user-modelling method are outlined. A complete list of CITE reports is included. (20 references) (Author/DB)

ED 328 216

IR 014 811

Baker, Michael

Arguing with the Tutor: A Model for Tutorial

Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education

Report No. 51.

Open Univ., Walton, Bletchley, Bucks (England).

Inst. of Educational Technology.

Pub Date—Sep 88

Note—37p.; For related reports, see IR 014 806-808 and IR 014 812-813.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Computer Assisted Instruction, *Computer System Design, *Dialogs (Language), Discovery Learning, Expert Systems, Foreign Countries, Learning Theories, *Man Machine Systems, *Models, *Programmed Tutoring

Identifiers—*Intelligent Tutoring Systems

This report describes a specific approach to two current trends in Intelligent Tutoring Systems (ITS) research: (1) an emphasis on metacognitive skills which are not domain specific; and (2) a move away from viewing ITS research as being exclusively con-

cerned with "knowledge communication." A human-computer dialogue model designed to teach the metacognitive skill of critical argument is described. The dialogue model occurs in a knowledge domain consisting of a set of justified beliefs, and is exemplified in the domain of teaching musical structures. The model is based on a dialogue planning system that involves higher level planning decisions, making claims and challenges, and understanding the components of dialogue such as actions, effects, and preconditions. Integrating intentional and topical dialogue structures, the model may also be used with a variety of tutorial styles within a guided-discovery tutoring approach. (39 references) (Author/DB)

ED 328 217 IR 014 812

Devil, Rosalyn

Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—Jan 89

Note—30p; For related reports, see IR 014 806-808 and IR 014 811-813.

Pub Type—Information Analyses (070)—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Algorithms, Computer Assisted Instruction, *Computer System Design, *Expert Systems, Foreign Countries, Instructional Systems, Man Machine Systems, *Models, *Programmed Tutoring

Identifiers—*Intelligent Tutoring Systems

This paper summarizes some of the current approaches to student modelling in Intelligent Tutoring Systems (ITS) and proposes ways in which learning algorithms can be applied in ITS. The role of machine learning in tutoring systems is described, including student modelling, teaching strategies, and collaborative learning. The PIXIE system and the Automated Cognitive Modeller system are examined as examples of systems using machine learning for student modelling. Dynamic student modelling is explored in the context of bounded user modelling technique, which not only identifies the student's knowledge at any one time, but also identifies the way in which the knowledge is acquired. Also discussed is the latest area of research in machine learning, namely, "explanation based learning" (EBL), in which explanations are constructed from domain knowledge and examples of the goal concept. The paper concludes with an outline for a learning algorithm for deriving concepts from sub-concepts. (23 references) (DB)

ED 328 218 IR 014 813

Elson-Cook, Mark

Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—28 Feb 89

Note—29p; For related reports, see IR 014 806-808 and IR 014 811-812.

Pub Type—Opinion Papers (120)—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Computer Assisted Instruction, *Computer System Design, *Expert Systems, Foreign Countries, Instructional Systems, *Interaction, Man Machine Systems, *Models, *Programmed Tutoring, Research Needs, *Teaching Styles

Identifiers—*Intelligent Tutoring Systems

Because interaction is the only observable information people have about teaching processes, it follows that the primary aspect of intelligent tutoring systems (ITS) is interaction, and that future work on domains or student models should be driven by the needs identified in the study of interaction. This paper begins by examining the idea of teaching styles in terms of the implications that they have for types of interaction between student and machine. The second and third sections describe the teaching knowledge of two existing ITS systems, IMPART and Dominic, which are models of interaction. It is noted that the interaction in IMPART is based on cognitive models of dialogue in humans, while the interaction in Dominic is based on cognitive models of thinking. Subsequent sections relate these systems to current studies of dialogue, and a set of components is proposed that must exist in a tutoring system if it is to support the kinds of interaction described. It is concluded that the proposed model

requires approaching interaction as a planning process in which multiple plans are created simultaneously at a variety of levels of abstraction and completeness. (27 references) (DB)

ED 328 219 IR 014 815

Thorpe, Mary

The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Report No.—CITE-R-76

Pub Date—[89]

Note—30p; Occasional faint type. For a related paper, see IR 014 817.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Computer Assisted Instruction, *Distance Education, Electronic Mail, Higher Education, Instructional Innovation, Interviews, Microcomputers, Questionnaires, Surveys, *Teacher Attitudes, *Teleconferencing, *Use Studies

Identifiers—*Computer Mediated Communication, *Open University (Great Britain)

A study of teachers in the United Kingdom's Open University who used a computer mediated communications system called Casy in 1988 was conducted to document their experiences with and attitudes toward the system. The results of interviews and analysis of log sheets revealed that: (1) the sample of teachers (n=10) showed a range in usage of the Casy system from low to high, consistent with the expected range of use in the population as a whole; (2) all but 30% of the teachers reached the expected 20 hours a week online use; (3) teacher usage of the system decreased during the first year as extensive browsing gave way to developing more efficient ways for using the system; (4) the system was used for electronic mail, teleconferencing, and general conversation purposes; (5) factors affecting student usage included cost, workload, difficulties using the software, and disappointment with the conference results; (6) electronic mail and telephone usage were more popular than conferencing, but none of the three was as popular as the more traditional face to face exchange; and (7) typical of most innovations, those who had difficulty with the system used it less and were less enthusiastic about its continuation than those who found it easy to use. It was concluded that future use of the system would contain a less ambitious range of conferences, and that teachers would be better trained to use the system and to help their students use it. A discussion of home computing and its implications for distance education is included, as well as a copy of the interview schedule. A list of 76 studies from the Centre for Information Technology in Education completes the report. (DB)

ED 328 220 IR 014 816

O'Malley, Claire

Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—Aug 89

Note—40p.

Pub Type—Information Analyses (070)—Opinion Papers (120)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Computer Assisted Instruction, *Computer System Design, Discovery Learning, Educational Environment, *Expert Systems, Foreign Countries, *Interaction, *Man Machine Systems, Pictorial Stimuli, Programmed Tutoring

The nature of the learner-machine interaction is of central importance in the design of guided discovery learning environments. The interface to a learning environment is the only way in which a learner has access to the functionality of the system, and conversely, the interface is the only way in which the tutoring component of the system has access to the activities of the learner. Ideally, the interface system should be designed so that the system itself becomes the domain to be learned, rather than a representation of that domain. However, such a "direct manipulation interface" is practically impossible given the infinite number of ways that learners interact with the domain to be learned, with the symbols the interface uses to represent that domain (e.g., pictorial or iconic stimuli), and with the tasks necessary to manipulate those symbols within the interface. Similar complexities arise when determin-

ing how the learner is represented to the system, or the extent to which the interface provides a source of evidence for the tutoring system to make inferences about the learner. Such a learner-machine interface must take into account the learner's prior understanding, and the context in which the interaction takes place. (66 references) (DB)

ED 328 221 IR 014 817

Kaye, Anthony R.

Computer Conferencing and Mass Distance Education. CITE Report No. 98.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—[90]

Note—31p; For a related paper, see IR 014 815.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adult Learning, *Distance Education, Educational Environment, Electronic Mail, Foreign Countries, Higher Education, Interaction, Multimedia Instruction, Open Universities, Student Role, Teacher Role, *Teleconferencing, *Open University (Great Britain)

This paper briefly reviews the first large-scale use of computer mediated communication (CMC) at the Open University (OU) in Milton Keynes, England, including computer conferencing and electronic mail, in an adjunct mode on a multimedia distance education course with 1,500 students. The first part of the paper outlines the rationale for introducing CMC into the distance education situation in terms of the use of the medium for regular updating of a course, and for increasing the opportunities for interaction amongst and between students, tutors, and course developers. It then goes on to describe OU's growing electronic campus as a virtual environment where members of the university community can meet, socialize, collaborate, and learn. The second part of the paper looks at the effects and implications of the use of computer conferencing within an OU course, with specific reference to the roles of the course team, teachers, and students. In particular, it asks to what extent CMC as a medium can empower students and teachers in the distance learning environment, i.e., give them a stronger role in the educational process and an enhanced opportunity to contribute and share their own knowledge and experience as adult learners. A list of 98 reports from the Centre for Information Technology in Education completes the document. (17 references) (Author/DB)

ED 328 222 IR 014 818

Kieras, David E.

The Computerized Comprehensibility System.

Maintainer's Guide. Technical Report No. 33.

Michigan Univ., Ann Arbor. Technical Information Design and Analysis Lab.

Spons Agency—Office of Naval Research, Arlington, Va.

Report No.—TR-90/ONR33

Pub Date—12 Sep 90

Contract—N00014-90-J-4110

Note—58p; Some paragraphs will not reproduce well because of small type size and lack of density.

Pub Type—Guides - Non-Classroom (055)—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Artificial Intelligence, Cognitive Psychology, Computer Software, *Expert Systems, *Programming, *Readability, Reading Comprehension, Research Reports, Structural Grammar

Identifiers—*Natural Language Processing

This report is a guide for the maintainer or developer of the computerized comprehensibility system (CCS), a system that uses techniques and results from artificial intelligence and cognitive psychology to critique the comprehensibility of a technical document. The purpose of this report is to allow the qualified programmer to rapidly understand the internal mechanisms of CCS in order to correct, modify, or extend the grammar and criticism rules in CCS. The following sections are included: (1) an overview of CCS; (2) a description of each of the components of the CCS system including the syntax for grammar specification, production rules, a description of lexicon entries, and information about the representations that CCS constructs; (3) a series of maintenance examples in which the parser and semantics module of the system are extended to handle new kinds of structures and new criticism rules added to CCS; and (4) a complete list of the criticisms and comments generated by the current version of CCS. (13 references) (Author/DB)

ED 328 223

IR 014 819

Peterson, George A.
Good Education and Good Entertainment.
National Geographic Society, Washington, DC.
Pub Date—[Oct 90]
Note—4p; For a related paper, see IR 014 820.
Pub Type—Opinion Papers (120) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Computer Networks, Distance Education, *Educational Quality, *Educational Technology, Elementary Secondary Education, *Instructional Materials, Interaction, Microcomputers, *Multimedia Instruction, Telecommunications, Videodisks

Identifiers—*National Geographic Society

The National Geographic Society is convinced that educational materials should be as lively, dynamic, and intriguing as the television, music videos, movies, and computer games that have so captured today's generation. To that end, a repertoire of pioneering feats in photography and innovative applications of computers, telecommunications, and multimedia educational tools have been developed for the classroom. For example, GTV, the product of a collaboration between the Society, California State Department of Education, Lucasfilm Ltd., and Apple Computer, is an interactive teaching tool combining videodisc and computer technologies in history and geography. The National Geographic Kids Network is an international telecommunications system designed to teach hands-on science with the help of computer-generated maps, modems, and telephone lines. And the newest addition to the electronic classroom is "Mammals: A Multimedia Encyclopedia," which is made up of clips from documentaries, pictures, and vocalizations, all coordinated by a computer. The National Geographic Society also recognizes that educational quality requires training for teachers, and has established a summer workshop institute for that purpose. (DB)

ED 328 224

IR 014 820

Peterson, George A.
Schools and National Telecommunications Policy.
National Geographic Society, Washington, DC.
Pub Date—[Oct 90]
Note—6p; For a related paper, see IR 014 819.
Pub Type—Opinion Papers (120) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Computer Networks, Distance Education, *Educational Quality, *Educational Technology, Elementary Secondary Education, Equal Education, Information Technology, Interaction, Teacher Student Relationship, Technological Advancement, *Telecommunications

Identifiers—*National Geographic Society

The National Geographic Society believes that schools are the last major institutions in the United States to adopt new information technologies because of fear of change, fear of technology, and narrowly focused public policies. The results of this failure to modernize schools has been to graduate workers who can't meet minimum job requirements and to attempt to maintain a democracy without a properly informed citizenry. New telecommunications policy must be crafted that assures equal access for all children to educational technologies. New teaching practices must emphasize interaction between students and teachers. The National Geographic Society has a tradition of harnessing technology in the service of the community and linking technology and teaching in innovative ways. Distance education networks such as the National Geographic Kids Network is one of several educational networks that facilitate the exchange of information and advance the use of technology in educational systems. (DB)

ED 328 225

IR 014 822

Hobbs, Vicki M.
Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students.
Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite.
Mid-Continent Regional Educational Lab, Inc., Denver, Colo.
Pub Date—Sep 90

Note—103p; For related reports, see ED 317 195 and ED 319 382.

Pub Type—Reports - Research (143)
EDRS Price - MF01/PC05 Plus Postage.

RIE JUN 1991

Descriptors—Academic Achievement, Administrator Attitudes, *Communications Satellites, Comparative Analysis, *Computer Assisted Instruction, *Distance Education, *Educational Television, High Schools, Instructional Effectiveness, *Intermode Differences, Questionnaires, *Rural Schools, School Surveys, Second Language Instruction, Student Attitudes, Tables (Data), Telecourses

Identifiers—German by Satellite, Missouri, North Dakota

In 1990 a comparative analysis was conducted of North Dakota student achievement across three forms of distance education: instruction by satellite, audiographic tele-learning, and two way interactive educational television. Based in part on the 1988 study of a German by Satellite program in Missouri and North Dakota, this study mailed questionnaires to the administrator of each school, program coordinators, each student enrolled in distance education courses, and remote instructors. Responses provided information from each group as follows: (1) administrators—the history of their distance learning project, costs in project implementation, administrator, school, and community attitudes toward the project, future of distance learning in their schools, and information for each student on grade point averages, motivation, and course grades; (2) coordinators—how the distance education courses were implemented in each school, what components were built into the program, and the coordinators' role; (3) students—how they felt about the distance education course, assessment of the course as compared to traditionally taught courses, and demographic information; and (4) remote instructors—identification of major factors involved in implementing a distance education course, comparison with traditionally taught courses, and problems or limitations with the technology. The study concludes with several recommendations for previous or potential distance education adopters. Data are presented in both narrative and tabular form. (DB)

ED 328 226

IR 014 824

Watt, Daniel Lynn Watt, Molly Lynn
How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative.
Pub Date—Jul 90

Note—11p; Paper presented at the World Conference on Computers in Education (Sydney, Australia, July 9-13, 1990).

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Action Research, *Computer Assisted Instruction, Elementary Education, Inservice Teacher Education, Microcomputers, Participant Observation, Postsecondary Education, *Professional Development, Programing Languages, Teacher Improvement, *Teacher Workshops

Identifiers—*LOGO Programming Language

The Logo Action Research Collaborative is creating a professional development program in the Newton (Massachusetts) schools which is based on action research and designed to support teachers and improve the use of Logo computer-assisted instruction in their classrooms. During the 1 year workshop, teachers work collaboratively on Logo programming projects, learn to define research questions, and identify ways to gather data that fit in with their teaching approaches. Teachers keep journals in which they write down classroom observations, and these are analyzed together with samples of student work. Through direct involvement in research teachers gain insights about the teaching and learning in their own classrooms, and, at the same time, come to recognize and respect their own and their colleagues' ideas. In addition to developing a set of materials and activities to support experienced Logo teachers in carrying out action research activities with a focus on Logo learning, the Logo Action Research Collaborative is supporting school district personnel in leading research meetings with teachers in their own districts. (27 references) (DB)

ED 328 227

IR 014 825

Murphy, Karen L.
The Integration of Teleconferencing in Distance Teaching.
Pub Date—Apr 88

Note—12p; Paper presented at the Annual Conference of the Association of European Correspondence Schools (4th, Istanbul, Turkey, April 11-15,

1988).
Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Audiovisual Communications, Audiovisual Coordinators, Communications Satellites, *Distance Education, Foreign Countries, Telecommunications, *Teleconferencing, *Telephone Communications Systems

Identifiers—Integrated Services Digital Network

Teleconferencing is a discussion by telephone among individuals and groups of people in two or more locations for the purposes of instruction and conducting meetings. Audio conferencing connects people by voice alone, audiographic conferencing allows people to speak and to exchange text and graphics over the telephone line, and video conferencing allows people to speak and to see each other live on a television screen. The advantage of teleconferencing is that it brings together people who are far apart, quickly and in a cost-effective manner. The disadvantages are that communication from face-to-face contact is lost and sound quality must be very high. An effective teleconference includes good audio equipment, trained personnel, and well-prepared support materials. There are a number of examples of the use of teleconferencing in distance education including the German Post Office, Roche Laboratories, the Conference Call in Turkey, and the British Open University. Future uses of teleconferencing will be developed through the Integrated Services Digital Network (ISDN), a newly-developed communication system based on the telephone, computer and modem, and television. This presentation concluded with a brief description of teleconferencing in Turkey and a live example of an audio teleconference connecting the conference room with three other locations, one in the United States and two in Turkey. (17 references) (DB)

ED 328 228

IR 014 827

Burge, Elizabeth J.
Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education.
Pub Date—Nov 90

Note—21p; Paper presented at a Conference on Research in Distance Education (Caracas, Venezuela, November 2-4, 1990).

Pub Type—Speeches/Meeting Papers (150) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Context Effect, Data Interpretation, *Distance Education, *Educational Research, Foreign Countries, *Qualitative Research, Research Methodology

This report discusses the nature of research in the context of distance education and suggests that qualitative research be included as a research methodology for distance education research. Noting that qualitative research represents a shift toward more perceptual, context-embedded interpretive inquiry, the paper argues that it is well suited to the study of complex contextual factors in learning. Three overarching qualitative issues are discussed: (1) the application of traditional criteria such as validity, reliability, and objectivity; (2) coping with sexist biases in everyday and research settings; and (3) coping with apparently chaotic, incomprehensible findings. Five arguments in support of temporary understanding through qualitative research are reviewed, including individual differences, chaos theory, the evolutionary character of development and learning, the roles of consciousness and free will in human activity, and quantum mechanics theory. It is concluded that qualitative research is necessary to gather and interpret people's multiple constructions of reality. (86 references) (DB)

ED 328 229

IR 014 828

Podany, Zita
New and Promising: Software Worth a Look. A MicroSIFT Survey of Educational Software Preview Center Coordinators. Volume II, No. 2.
Northwest Regional Educational Lab., Portland, Oreg.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Nov 90

Contract—400-86-006

Note—11p; For Volume II, No. 1 of this series, see ED 320 570.

Pub Type—Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Authoring Aids (Programming), *Com-

puter Assisted Instruction, Computer Simulation, Computer Software Reviews, *Courseware, Database Management Systems, Elementary Secondary Education, Fine Arts, Language Arts, Mathematics Instruction, Multimedia Instruction, Optical Data Disks, Postsecondary Education, Science Instruction, Second Language Instruction

This guide lists 19 software packages considered to be worthy of further consideration by other reviewing agencies and schools by a group of 17 computer coordinators from educational software preview centers and evaluation agencies. The following software is listed: (1) ASK-IT, an authoring tool; (2) Balance of the Planet, an environmental simulation game; (3) Combo Pack Graphics, 300 graphics pertaining to nature, holidays, history, world cultures, and community among others; (4) Decision, Decisions: The Environment, a simulation dealing with environmental issues; (5) Discs Books, language arts books enhanced with music, voice, and sound effects; (6) File Force, a database manager; (7) FileMaker Pro, a database manager; (8) French Assistant, Version 4, a collection of translation, reference, and writing tools; (9) Igor Stravinsky, The Rite of Spring, analysis of Stravinsky's ballet score; (10) MacGraphX, a charting and graphics tool; (11) MathLab (Series I, II, III), for whole numbers, fractions and decimals, and special topics; (12) McGee Visits Katie's Farm, a preschool program for becoming familiar with computers; (13) Physics Explorer Series; (14) Probability Lab, explores statistical concepts; (15) SimEarth, a science simulation; (16) Spanish Assistant, Version 4, a collection of translation, reference, and writing tools; (17) Special Writer Coach, for writing skills; (18) Talking Sticky Bear Series, explores shapes, the alphabet, and opposites; and (19) ToolBook 1.0, for creating and customizing graphic applications. Each listing contains a brief description, the price, hardware requirements, and grade level. Producer contact information is provided at the conclusion of the guide. (DB)

ED 328 230 IR 014 829

Robertson, Elton

Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University.

Pub Date—90

Note—5p. Paper presented at the Conference on Technology and Education (7th, Brussels, Belgium, March 20-22, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Computer Assisted Instruction, Educational Technology, Elementary Secondary Education, *Inservice Teacher Education, Microcomputers, Postsecondary Education, *Professional Development, State Programs, Teacher Improvement, *Teacher Workshops

Identifiers—*Pennsylvania

In 1984, the Commonwealth of Pennsylvania passed the Information Technology Education Act, which created 14 Information Technology Education for the Commonwealth (ITEC) centers. The purpose of the ITEC centers was to assist teachers in using and improving their use of microcomputers in their own classrooms by training them in instructional uses of computers, software evaluation, and programming. All Pennsylvania teachers, K-12, were eligible to apply for professional development courses, workshops, and other computer related services. After 4 years of successful inservice training the program was extended with the added focus of providing advanced skills training in the planning for and integrating of computer technology into existing curricula. The program has now expanded to include interactive video, video overlay, CD-ROM, advanced computer graphics, and computer/MIDI music capabilities. (DB)

ED 328 231 IR 014 830

Dalton, David W., Ed.

Restructuring Training and Education through Technology: Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990).

Association for the Development of Computer-Based Instructional Systems.

Pub Date—90

Note—447p. For the Proceedings of the 1989 conference, see ED 325 091.

Pub Type—Collected Works - Proceedings (021)
EDRS Price—MF01/PC18 Plus Postage.

Descriptors—Artificial Intelligence, Authoring Aids (Programming), *Computer Assisted Instruction, Computer Simulation, Courseware, *Educational Innovation, *Educational Technology, Elementary Secondary Education, Health Education, Higher Education, Home Economics Education, *Hypermedia, Interactive Video, Management Development, *Media Research, *Microcomputers, Optical Data Disks, Psychological Studies, Special Education, Telecommunications

The theme of the 32nd International Association for the Development of Computer-Based Instructional Systems (ADCIS) Conference was "Restructuring Training and Education through Technology." This collection of conference presentations contains 52 papers and 183 abstracts for which there are no formal papers. The papers and abstracts are presented in two separate sections, but both are categorized by special interest group: (1) Academic Computing (SIGAC, 1 paper, 11 abstracts); (2) Computer-Based Training (CBT, 3 papers, 27 abstracts); (3) Elementary, Secondary, Junior College Educators (ELSECJ, 3 papers, 17 abstracts); (4) Emerging Technologies (SIGET, 5 papers, 10 abstracts); (5) Educators of the Handicapped (SIGHAN, 2 abstracts); (6) Health Education (SIGHEALTH, 2 papers, 9 abstracts); (7) Home Economics Consortium (HOMECE, 3 papers, 5 abstracts); (8) Hypermedia (SIGHYPER, 5 papers, 18 abstracts); (9) Interactive Video-Audio (SIGIVA, 7 papers, 19 abstracts); (10) Management Issues (SIGMI, 1 paper, 9 abstracts); (11) Music Education (SIGMUSIC, 1 paper, 4 abstracts); (12) PILOT Users Group (PILOT, 1 paper, 3 abstracts); (13) PLATO Users' Group (PUG, 4 abstracts); (14) Theory and Research (SIGTAR, 15 papers, 38 abstracts); and (15) Telecommunications (SIGTELE, 5 papers, 7 abstracts). Many of the papers include abstracts and/or references. (DB)

ED 328 232 IR 014 831

Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State. New York State Education Dept., Albany. Office of Elementary and Secondary Education Planning, Testing, and Technological Services.

Pub Date—[89]

Note—80p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price—MF01/PC04 Plus Postage.

Descriptors—Change Strategies, Computer Assisted Instruction, Educational Administration, Educational Change, *Educational Planning, *Educational Technology, *Instructional Design, *Program Implementation, Program Improvement, School Districts, Summative Evaluation

The purpose of this publication is to help school district leaders improve the use of technology in schools through the design and implementation of a planning process. Three levels of the process are noted, including strategic planning of overall direction for program improvement, program planning of objectives and management, and curriculum planning, which specifies how technology will be integrated into the classroom. The guidebook is organized around seven major tasks: (1) develop a planning structure and process; (2) establish a direction; (3) develop program plans; (4) create curriculum applications; (5) design the technology support system; (6) prepare for implementation and change; and (7) evaluate performance and effectiveness. Each task is described in a separate section that provides a rationale for the conduct of the task, a description of the process for carrying out task-related activities, exhibits and illustrations of planning activities, and key considerations in carrying out the tasks. A checklist of tasks and steps is included, as well as a glossary of terms and lists of national and state technology planning resource organizations and individuals. References are listed by tasks. (77 references) (DB)

ED 328 233 IR 014 832

Feinstein, Benjamin, Ed. Kurshan, Barbara, Ed.

Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989).

International Society for Technology in Education, Eugene, OR.

Pub Date—Aug 89

Note—453p.

Pub Type—Collected Works - Proceedings (021)
EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Distance Education, Educational Strategies, Elementary Secondary Education, Evaluation Methods, *Global Approach, *Information Technology, *Program Implementation, *Telecommunications

This conference focused on national and international networks that currently exist, the use of telecommunications to facilitate projects, distance education, and teacher communication, and current and future trends of communications technology applications in education. The papers are divided into three sections: (1) Telecommunications Projects, including Apple's A.G.E. Project, International Business Machines' (IBM) Pluto and Deadalus Projects, and Tandy's WorldLink, as well as many innovative projects in rural areas, small school districts, and developing countries (36 papers); (2) Implementation and Instructional Strategies, including papers describing project development and delivery in Canada, Israel, Denmark, Australia, the United States, and other countries (22 papers); and (3) Evaluation of Telecommunications Projects, including a look at the AT&T Long Distance Learning Project, and a procedure for evaluating local area networks in Sweden (5 papers). Some papers include their own bibliographies. A List of Contributors and an Author Index conclude the document. (DB)

ED 328 234 IR 014 833

Hawbridge, David

Who Needs Computers in Schools, and Why?

CITE Report No. 73.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—[89]

Note—13p. Prepared by the Centre for Information Technology in Education.

Pub Type—Opinion Papers (120)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Computer Assisted Instruction, Computer Literacy, Computer Managed Instruction, Developing Nations, Educational Change, *Educational Strategies, Elementary Secondary Education, Foreign Countries

This paper outlines and discusses four rationales for using computers in schools: (1) the social rationale, which states that it is necessary for children to become aware and unafraid of computers in order to prepare for life and work in an industrial society; (2) the vocational rationale, which states that children should learn computer programming and become generally computer literate; (3) the pedagogic rationale, which states that computer assisted instruction offers advantages over other teaching methods in subjects such as physics and art (among many others); and (4) the catalytic rationale, which states that computers help children become less dependent on the teacher as expert and will enable change in education to occur. Three additional rationales are also noted and discussed: the information technology industry rationale, the cost-effectiveness rationale, and the special needs rationale. It is concluded that priorities for using computers in schools are changing rapidly and should be further examined. (5 references) (DB)

ED 328 235 IR 014 836

Stanford, J. D. Imrie, B. W.

Evaluation of a Third Year Distance Education

Course: Monetary Economics, Working Papers in Distance Education, No. 1.

Queensland Univ., St. Lucia (Australia). School of External Studies and Continuing Education

Report No.—ISSN-0725-0223

Pub Date—Jul 81

Note—48p.

Pub Type—Reports - Evaluative (142) —

Tests/Questionnaires (160)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—Audiotape Cassettes, College Juniors, *Course Evaluation, *Distance Education, *Economics Education, Foreign Countries, Higher Education, *Instructional Design, Instructional Innovation, Learning Modules, Mastery Learning, Pacing, Postsecondary Education, Questionnaires, Student Characteristics

Identifiers—Australia, Printed Materials

An evaluation of Monetary Economics, a course offered to distance education students of the University of Queensland in 1979 and 1980, was conducted in 1981. Monetary Economics is an innovative course designed and prepared using prin-

ciples of educational technology specifically for distance education, and for the planning of effective interaction between the subject, teacher, and students. The aims of the course were to enable students to learn at their own individual pace and to increase the level of activity and involvement in the learning process. Audiotapes, workbooks, and small group syndicate discussions were used to achieve these aims. This report begins by describing the design strategy and major course features, including theoretical considerations, subject area considerations, student characteristics, design principles, and course structure. This description is followed by an explanation of the evaluation procedures and the results of the evaluation, which focused on student performance and their assessment of the course, course efficiency, cost effectiveness, and the consistency of results. It is concluded that the effectiveness of Monetary Economics is directly attributable to the effectiveness of education technology, which employed sound principles of learning to solve a problem in course design. A copy of the student questionnaire is appended. (30 references) (DB)

ED 328 236

IR 014 839

Vandenberg, Donald

Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5.

Queensland Univ., St. Lucia (Australia). School of External Studies and Continuing Education

Report No.—ISSN-0725-0223

Pub Date—Feb 82

Note—32p; Paper presented at a seminar in the Division of External Studies, University of Queensland (St. Lucia, Queensland, Australia, February 1982).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Concept Formation, Curriculum Development, Educational Philosophy, *Educational Research, Elementary Secondary Education, *Epistemology, Fundamental Concepts, *Ideology, *Lecture Method, *Phenomenology, Postsecondary Education

Identifiers—*Printed Materials

Arguing that the word "knowledge" has become unfashionable, having been replaced by "science," this paper begins by positing that there are many sciences and that it is the task of basic theorist within each science to ascertain the appropriate procedures, principles, and canons of enquiry based on detailed knowledge of the fundamental phenomena within the domain. All canons of inquiry or criteria of good knowledge are, therefore, field-dependent and domain-specific. The only valid knowledge worthy of inclusion in the school curriculum is the theoretical knowledge of the individual academic disciplines and the practical knowledge of the arts, crafts, trades, sports, and professions, that has been validated by qualified experts. Knowledge in the curriculum should help the young to become aware of things in the world that they should be exploring if they are to become responsible adults. When it does, education becomes the conceptual grasp of perceptual reality, and the selection of materials from the academic disciplines for the school curriculum is a matter for phenomenological research. What has to be ascertained is how the pupil can come aware of the objects in the various domains in such a way that they remain continuous with the things perceived in his common sense experience. In distance education, the lack of direct communication between the teacher and the student presents a major pedagogical problem. The written lecture becomes a key element in the package of instructional materials, and it should be treated as a personal communication from the teacher to the student which integrates the other course materials. (DB)

ED 328 237

IR 014 841

Borchardt, F. T.

The First Twenty Years of the Maryborough & District University Society, 1963-1983, Working Papers in Distance Education, No. 7.

Queensland Univ., St. Lucia (Australia). School of External Studies and Continuing Education

Pub Date—Mar 83

Note—30p.

Pub Type—Historical Materials (060) — Reports—Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Administrative Organization, *Alumni Associations, *Distance Education, For-

eign Countries, Higher Education, *History, Institutional Characteristics, *Organizational Development, *Student Organizations

Identifiers—Australia, *University of Queensland (Australia)

This paper provides a brief history of the Maryborough and District University Society of the University of Queensland, Australia. Highlights of the review include: (1) the establishment of the first distance education, or external studies, centers at Townsville, Rockhampton, and Ipswich in 1949; (2) a resolution taken in 1963 to form a University Society of Maryborough and that its primary aim be the furtherance of tertiary education; (3) membership of the Society in 1964 of 55 graduates and one student; (4) the granting of full voting rights and access to the Executive Committee to students in 1968; (5) substantial upgrading of the center from 1971-1980 through consolidation of the Society and the Students' Association, a move to a larger building, the allocation of additional funds for instructional materials, and increasing use of the center facilities by external students; and (6) the current membership of 65-75 members. Appendices contain a list of former and current office holders, part-time officers, and positions of honor; the constitution of the Maryborough and District University Society; and selected statistics (chiefly library) for 1964-1982. (DB)

ED 328 238

IR 014 844

Kelly, Mavis E.

A Survey of Use and Evaluation of Support Services by External Students, 1983, Working Papers in Distance Education, No. 10.

Queensland Univ., St. Lucia (Australia). School of External Studies and Continuing Education

Report No.—ISSN-0725-0223

Pub Date—Sep 86

Note—67p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Ancillary School Services, Audiotape Recordings, Demography, *Distance Education, Foreign Countries, Higher Education, *Instructional Materials, Questionnaires, *Student Attitudes, *Student Characteristics, Student Personnel Services, Supplementary Reading Materials, Surveys, Textbooks, User Needs (Information), *Use Studies

Identifiers—Printed Materials, University of Queensland (Australia)

This report presents the results of a 1983 survey of external (distance education) students' attitudes toward and use of publications and study materials issued by the School of External Studies and Continuing Education at the University of Queensland. The use and evaluation of regional and central support services were also studied. Data from the 397 responses received provided information on the following: (1) student characteristics such as age, sex, grade point average, degree program enrolled in, number of years as a distance education student at Queensland, and regional distribution; (2) reasons for study, choice of distance education study, and subject area; (3) mode of study, i.e., whether students had previous experience as either an on- or off-campus student, and whether they preferred part or full time study; (4) the workload imposed by the subjects students were enrolled in; (5) their use of such introductory materials as the External Studies Handbook, the information booklet "University and You," "How to Study" booklet, and Thatcher Library pamphlet; (6) course materials including course guides and readers, lecture notes, textbooks, and audiotapes; (7) ownership of video- and audiocassette recorders and personal computers; (8) regional contact with officers-in-charge, librarians, study centers, tutorial and study groups, and individual student contact; (9) contact with the St. Lucia campus; (10) use of library services; and (11) attitudes toward assignments and examinations. Data are presented in both narrative and tabular format, and each section includes a summary of the information therein. A list of general student comments concludes the document. (DB)

ED 328 239

IR 014 846

Williams, Sylvia J. Sharma, Pramod C.

Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985, Working Papers in Distance Education, No. 12.

Queensland Univ., St. Lucia (Australia). School of

External Studies and Continuing Education

Report No.—ISSN-0725-0223

Pub Date—Apr 88

Note—35p.

Pub Type—Numerical/Quantitative Data (110) — Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Achievement, Continuing Education, *Distance Education, Foreign Countries, Higher Education, *Second Language Instruction, *Student Attitudes, Student Characteristics, Surveys, Tables (Data), Universities

Identifiers—*Australia

A survey was conducted through the School of External Studies and Continuing Education at the University of Queensland in 1985 to ascertain the extent of foreign language teaching at a distance in Australian higher education institutions, and to seek information on a wide range of services and facilities provided to students. Of the 868 students surveyed, 358 (41%) responded to questions presented under the headings of General Information, Student Characteristics, Course Information, Seminar/Tutorial Attendance, Library Facilities, Study Centers, Assignments, Method of Assessment, Teaching, Objectives, and Assessment of Courses and Comments. Students were invited to comment on any aspect of their courses and to express their opinion on the efficacy of teaching languages at a distance. Data on programs in 14 languages at six universities and the students enrolled in them are presented in 27 tables with a minimum of interpretative comment. (DB)

ED 328 240

IR 014 847

Advisory List of Computer Courseware, December 1990.

North Carolina State Dept. of Public Instruction,

Raleigh. Div. of Media Evaluation Service.

Pub Date—Dec 90

Note—15p; For other 1990 Advisory Lists, see ED 320 533, ED 320 568, ED 325 092, and IR 014 848.

Pub Type—Book/Product Reviews (072) — Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Annotated Bibliographies, *Computer Assisted Instruction, Computer Software Reviews, *Courseware, Elementary Secondary Education, Estimation (Mathematics), Grammar, *Mathematics Instruction, Microcomputers, Problem Solving, Science Instruction, Thinking Skills, Writing Instruction

The December 1990 Media Evaluation Services list of computer courseware includes the following: (1) Group Grammar: grades 5-10 identify elements of grammar and mechanics; (2) Ready-Set-Read: Sequence: grades K-2 put pictures or sentences in order; (3) Write-On! Sarah, Plain and Tall: grades 4-7 develop reading, writing, and thinking skills through literature-based instruction; (4) in Common Arithmetic: grades 4-6 practice computation and thinking skills through games; (5) MECC Estimation Series: Estimation Quick Solve I: grades 5-8 practice estimation in a game show format; (6) What Shape Is That Color? grades 3-12 develop problem-solving and mathematical reasoning skills; (7) Your Personal Trainer for the SAT: grades 9-12 prepare for the Scholastic Aptitude Test; (8) Dinosaur Blend: grades 3-8 receive integrated mathematics learning through a multifaceted package; and (9) Science Inquiry Collection: Fossil Hunter: grades 4-6 apply organizational and analytical skills while exploring fossils. Each item is described fully with price and required equipment included. Strengths and weaknesses of each are also listed together with suggestions for classroom use. (DB)

ED 328 241

IR 014 848

Index to Courseware on Advisory Lists: January 1986-November 1990.

North Carolina State Dept. of Public Instruction,

Raleigh. Div. of Media Evaluation Service.

Pub Date—Oct 90

Note—25p; For 1990 Advisory Lists, see ED 320 533, ED 320 568, and IR 014 847.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Communication Skills, *Computer Assisted Instruction, Computer Literacy, *Computer Software Reviews, *Courseware, Elementary Secondary Education, Guidance Programs, Health Education, Information Sources, *Mathematics Instruction, Problem Solving, Programming,

Science Education, Social Studies, Standardized Tests, Vocational Education

This document contains a list of microcomputer courseware titles which appeared on the Advisory Lists of Computer Courseware between January 1986 and November 1990. Courseware is first presented alphabetically by title with producer, grade level, and reference for the full citation included. Courseware is then presented by the following subject areas: (1) Arts Education (8 titles); (2) Computer Literacy (10 titles); (3) Communication Skills (125 titles); (4) Guidance (5 titles); (5) Healthful Living (9 titles); (6) Mathematics (120 titles); (7) Media (22 titles); (8) Management (5 titles); (9) Multiple Subject Areas (9 titles); (10) Problem Solving (13 titles); (11) Programming (2 titles); (12) SAT Preparation (9 titles); (13) Science (83 titles); (14) Social Studies (70 titles); (15) Utility (34 titles); (16) Vocational Education (12 titles); and (17) Word Processing (1 title). Again, each listing includes producer, grade level, and reference for the full citation. (DB)

ED 328 242

IR 014 849

Annual Report, 1989-1990.

South Carolina State Dept. of Education, Columbia.
Office of Instructional Technology.

Pub Date—90

Note—71p; For the 1988-89 Annual Report, see ED 316 197.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Adult Education, *Computer Assisted Instruction, Educational Radio, *Educational Television, Elementary Secondary Education, Instructional Materials, *Material Development, Microcomputers, *Programming (Broadcast), Staff Development, Technological Advancement

Identifiers—*South Carolina Department of Education

The information in this report reflects the record of services provided by the Office of Instructional Technology during the 1989-1990 school year to help meet the educational needs of public schools in South Carolina. Information is presented in the following sections: (1) annual management plan, which entails the achievement of objectives in fiscal and personnel management, administration, computers, evaluation, dissemination, and reporting; (2) advisory system; (3) publications list; (4) computer-assisted instruction; (5) resource development, including the development and acquisition of television and radio resources, evaluation of resources, workshops conducted, and inservice staff development programs; (6) utilization, including staff members and services designed to improve the quality and quantity of utilization, as well as instructional television (ITV) utilization history and trends; (7) educational conferences/workshops; (8) teleconferences; (9) statewide computer survey results; (10) ITV and radio awareness; and (11) plans for 1990-1991 ITFS (instructional television fixed service) network expansion and improvement of its utilization and local reception. (DB)

ED 328 243

IR 014 850

Rathje, Linda

AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0.

International Society for Technology in Education,
Eugene, OR.

Report No.—ISBN-0-924667-75-3

Pub Date—90

Note—450p.

Available from—International Society for Technology in Education, 1787 Agate Street, Eugene, OR 97403.

Pub Type—Guides - Classroom - Learner (051) — Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Computer Assisted Instruction, Computer Printers, *Computer Software, Database Management Systems, Elementary Secondary Education, Instructional Materials, *Microcomputers, Spelling, Spreadsheets, *Teacher Improvement, Word Processing

Identifiers—AppleWorks

This manual provides teachers with learning activities designed to improve their use of computer applications and to facilitate the integration of computers into the curriculum. Step-by-step instructions for AppleWorks allow hands-on experience in the following applications: (1) formatting disks and getting started in general; (2) word processing,

which includes deletion, editing, moving blocks of text, inserting text, and practicing with a sample document; (3) printer options, which includes creating a template file, adding files to the desktop, changing page numbers, margins, or set-up, and printer type sizes and styles; (4) spell checking; (5) using a spreadsheet, which includes basic spreadsheet features, entering formulas or grades, additional functions and features, and creating a spreadsheet template; (6) databases, which includes arranging, creating, copying, and printing databases; and (7) mail merging. A data disk is available from the publisher that contains the files used in the activities. Supplementary articles from "The Computing Teacher" on word processing, spreadsheets, databases, and AppleWorks are provided. A command index, a glossary of computer terms, and a subject index are included. (DB)

ED 328 244

IR 014 868

National High Performance Computer Technology

Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).

Congress of the U.S., Washington, D.C. Senate Committee on Commerce, Science, and Transportation.

Report No.—Senate-Hrg-101-638

Pub Date—89

Note—416p.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Computer Networks, *Federal Government, Government School Relationship, Hearings, *Higher Education, *Information Networks, Interprofessional Relationship, National Programs, *Research and Development Centers, Technological Advancement, Telecommunications

Identifiers—*Computer Industry, Congress 101st, *National Research and Education Network

This collection of statements focuses on Title 2 of S. 1067, which calls for the National Science Foundation to establish a National Research and Education Network (NREN) by 1996. This is one of several titles in a bill to provide for a coordinated federal research program to ensure continued U.S. leadership in high performance computing. The network proposed in Title 2 will link government, industry, and higher education; be developed in close cooperation with the computer and telecommunications industry; and be designed and developed with the advice of potential users in government, industry, and higher education. A total of 24 representatives of these three groups presented testimony and prepared statements at the hearings: (1) James H. Billington; (2) John Seely Brown; (3) James H. Clark; (4) A. Gray Collins, Jr.; (5) Craig Fields; (6) John N. Fischer; (7) O. Gene Gabbard; (8) Sheryl L. Handler; (9) Robert E. Kahn; (10) Richard T. Liebhaber; (11) Robert W. Lucky; (12) Daniel S. Masys; (13) David Nagel; (14) Ted Nelson; (15) J. William Poduska, Sr.; (16) Ray Reddy; (17) John A. Rollwagen; (18) Roger Schwantes; (19) Jacob T. Schwartz; (20) Karl-Heinz A. Winkler; (21) Irving Wladawsky; (22) Richard T. Wood; (23) William Wolf; and (24) Joe Wyatt. This report includes opening statements by Senators Gore and Pressler, the text of S. 1067, a transcript of questions addressed to the witnesses together with their responses, the prepared statements from the witnesses, and additional statements from the Association of American Publishers and Robert Kerry, U.S. Senator from Nebraska. (DB)

ED 328 245

IR 053 402

Starratt, Joseph A. Person, Roland C.

What Did We Say: How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing.

Pub Date—90

Note—11p; Paper presented at the Annual Meeting of the Illinois Library Association (Springfield, Illinois, May 2-4, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Libraries, Authors, Citations (References), *Data Analysis, Higher Edu-

cation, Indexing, Library Catalogs, *Periodicals, Professional Occupations, Reference Materials, Writing Research

Identifiers—*College and Research Libraries (Journal), *Journal of Academic Librarianship

This is a preliminary report on an ongoing research project examining the "Current Index to Journals in Education" indexing of two major, general interest academic library journals: the "Journal of Academic Librarianship" (JAL) and "College and Research Libraries" (C&RL). The data are presented "as is," and readers may draw their own conclusions. The only opinion formed thus far is that the literature presented in JAL came from more diverse sources than expected. The data are drawn from an examination of the major articles in volumes 1-14 of JAL (1976-1989). The examined articles excluded editorials and recurring invited columns such as "On My Mind" and "Library Instruction." The data source does include the apparently invited paper included in the frequent "Symposiums" that gather the responses of a number of noteworthy or appropriate authors on a topic of interest to academic librarians. The researchers looked at various author characteristics, including professional position of the first author, sex of authors, and most frequently appearing authors. In addition, they noted those institutions with which 7 or more first authors were affiliated; the average number of references in relation to the professional position of the authors; those articles with 40 or more references; and the length of titles. Included are three charts and four tables. (MAB)

ED 328 246

IR 053 403

Churchville, Lida Holland, Comp. Hale, Catherine, Comp.

Disaster Planning. ALIC Bibliography 1990-1.

National Archives and Records Service (GSA), Washington, DC. Archives Library Information Center.

Pub Date—Jul 90

Note—23p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Archives, *Emergency Programs, Guidelines, Information Storage, *Library Facilities, Library Guides, *Library Materials, *Museums, Natural Disasters, Nonprint Media, Preservation, Reference Materials, Resource Materials

The 228 titles in this bibliography on disaster planning focus on disaster recovery measures, disaster preparedness, and/or preventive measures for museums, libraries, and archives. The journal articles and reports listed include guidelines and manuals as well as descriptions of programs and/or products having to do with the prevention or repairing of damage caused by some type of natural or man-made disaster. Listed alphabetically by author, each entry includes information on the journal in which the article appeared or the publisher of the report, the date of publication, and number of pages. An alphabetical author-sponsor index to the disaster planning bibliography is also provided. (MAB)

ED 328 247

IR 053 404

Churchville, Lida Holland Comp.

CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada.

National Archives and Records Service (GSA), Washington, DC. Archives Library Information Center.

Pub Date—May 90

Note—8p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Archives, Computer Software, Information Storage, Library Automation, *Library Guides, Library Materials, Nonprint Media, Records Management, Reference Materials, Research Skills, Resource Materials

Identifiers—*Canadian Centre Info Documentation on Archives

This document lists 48 subject bibliographies produced by the Canadian Centre for Information and Documentation on Archives (CCIDA) from 1987 to 1990. Listed chronologically by CCIDA bibliography number, each entry provides the name of the author, the title, publication date, and number of pages. Topics covered include authentication of archival materials, design of effective finding aids, appraisal and arrangement, the archival profession,

exhibitions and public programs, records management, facilities and security, conservation, copyright, acquisitions, automation, reference services, machine readable files, nonprint media, optical disks, microformats, access to information, development policy, and records creation. Each entry provides the document's author, CCIDA bibliography number, publication date, and number of pages. A subject index is included. (MAB)

ED 328 248 IR 053 405
Van Den Akker-Landrum, Linda. *Comp. And Others*

CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3. National Archives and Records Service (GSA), Washington, DC. Archives Library Information Center.

Pub Date—May 90
Note—24p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Access to Information, *Archives, *Government Libraries, Information Storage, Library Automation, *Library Guides, Library Materials, Nonprint Media, Reference Materials, Research Reports, Resource Materials
Identifiers—*National Archives

The 158 research papers listed in this bibliography were prepared by members of the Archivist Career Training Program from 1978-1990. Individual papers are listed alphabetically by author within the year in which they were produced. These papers provide information on various aspects of the National Archives, including presidential, federal, historical and other governmental archive collections; development policy; classification of intelligence reports and nonprint media; research trends; and ethical questions regarding archive accessibility. In addition to the name of the author and the title, each entry includes the publication date, regional division of the National Archives (if appropriate), and the number of pages. Two additional papers are listed on the inside front cover and both an author index and a subject index are included. (MAB)

ED 328 249 IR 053 406
Conway, Paul. *Comp.*

Administration of Preservation Programs in Archives. A Selective Bibliography. ALIC Bibliography 1990-4. National Archives and Records Service (GSA), Washington, DC. Archives Library Information Center.

Pub Date—Jul 90
Note—8p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC01 Plus Postage.
Descriptors—*Archives, Information Storage, Library Administration, Library Guides, Library Materials, *Preservation, Reference Materials, Resource Materials
Identifiers—Book Preservation

In the past decade, the amount and variety of information on developing and managing comprehensive preservation programs has grown tremendously. This highly selective list of books, reports, journal and newsletter articles, and other sources is intended primarily as an introduction to the increasingly rich literature for archivists, special collections librarians, curators, and history professionals. Most of the items have been published since 1985, although a number of "classic" sources are included to illustrate how thinking on appropriate preservation action has evolved over the past 50 years. The list was compiled as part of the Society of American Archivists' 2-year long evaluation of its Basic Archival Conservation Program and should not be considered comprehensive. Each document is listed alphabetically by author and provides the title, publication and archival source, date, and number of pages. A total of 148 items are listed. (MAB)

ED 328 250 IR 053 407
Churchville, Lida Holland. *Comp.*

ALIC Acquisitions List Covering the Period October 1, 1989 to March 31, 1990. Volume 1990(1), Issue 9.

National Archives and Records Service (GSA), Washington, DC. Archives Library Information Center.

Pub Date—May 90
Note—60p.

RIE JUN 1991

Pub Type—Reference Materials - Bibliographies (131)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Archives, Information Storage, Library Automation, Library Collections, Library Guides, Preservation, Reference Materials, Resource Materials

The Archives Library Information Center (ALIC) acquisition list provides sources of information on a wide range of topics, including military, black history, and government archives, collection development policy, classification of nonprint media, archival preservation and access, electronic records management, and other facets of information preservation. Each entry is listed by ALIC accession number and provides the document's author, publication and archival source, publication date, and the number of pages. A total of 324 items are listed. Both an author-sponsor and a subject index are included. (MAB)

ED 328 251 IR 053 408
Vasi, John

Use of Management Statistics in ARL Libraries.

SPEC Kit #153.

Association of Research Libraries, Washington, D.C. Office of Management Studies.

Pub Date—Apr 89

Note—95p.; For SPEC Kit #134, see ED 284 566. Available from—Association of Research Libraries, Office of Management Services, 1527 New Hampshire Avenue, NW, Washington, DC 20036 (\$20.00).

Pub Type—Numerical/Quantitative Data (110) — Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Libraries, Cost Effectiveness, Data Analysis, Higher Education, *Library Administration, *Library Collections, *Library Expenditures, Library Services, *Library Statistics, Library Surveys, Questionnaires, *Research Libraries

A Systems and Procedures Exchange Center (SPEC) survey conducted in 1986 investigated the collection and use of management statistics in Association of Research Libraries (ARL) member libraries, and SPEC Kit #134 (May 1987) summarized the kinds of statistics collected and the reasons given by the 91 respondents for collecting them. This more recent SPEC Kit looks at the next step in the process—how libraries use the statistics they collect. SPEC Kit #134 categorized the types of statistics collected by placing them in one of five groupings: measures of activity and workload; measures of holdings; measures of facility (building) use; measures of resources generated and expended; and "others." In this document, ways in which libraries use these statistics are categorized in four groupings: (1) comparative data: i.e., presentation of numerical data showing year-to-year increases or decreases within or among libraries; (2) required reporting: provision of quantitative information for a given period of time to satisfy internal and external reporting requirements; (3) cost of operations: use of public service or processing statistics together with costs to determine a cost-per-unit figure or to gauge efficiency of specific operations; and (4) formula data: provision of appropriate statistics as raw data for funding or space allocation formulas. Following a brief overview of the study and the SPEC survey results, the kit provides examples of the use of statistics in each of these four categories. Materials used as examples were contributed by the Association of Research Libraries, the University of California at Santa Barbara, the University of California Libraries, the University of California at Los Angeles, Dartmouth University, the University of Houston, the University of Missouri, Northwestern University, Notre Dame University, the University of Rochester, the University of South Carolina, and Waterloo University. (MAB)

ED 328 252 IR 053 409
Hocker, Susan

Computerized Online Bibliographic Searching.

SPEC Kit #154.

Association of Research Libraries, Washington, D.C. Office of Management Studies.

Pub Date—May 89

Note—101p.

Available from—Association of Research Libraries, Office of Management Services, 1527 New Hampshire Avenue, NW, Washington, DC 20036 (\$20.00).

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Libraries, Cost Effectiveness, Data Analysis, *Equipment Evaluation, Higher Education, *Information Technology, *Library Administration, *Library Collections, *Library Statistics, Library Surveys, *Online Searching, Questionnaires, *Reference Services, Research Libraries, Users (Information)

For this kit, 106 Association of Research Libraries (ARL) academic libraries were surveyed concerning: (1) current administration/organization; (2) evaluation; (3) patron relations; (4) services; and (5) the impact of online searching on collections. Responses were received from 83 libraries, many of which contributed sample materials. Analyses of the responses indicated that the online search service is most often undertaken by reference staff and offered at most public service points in the library; most professional staff are required to have knowledge of online searching. Evaluation of the online search services and searches is generally carried out through a combination of an informal peer process, patron input, and formal evaluations by supervisors. Most libraries offer online services on a cost recovery basis, while a few charge their clientele an administrative fee above the actual cost. Many provide subsidies to faculty and students by offering "after hours" searching at reduced prices, various combinations of flat fees, and a limited number of free searches per year. Almost all of the surveyed libraries use searches as a source of ready reference and have specific guidelines for such searches. In one-third of the libraries, the availability of online indexing has led to the cancellation of paperbound titles. Some libraries report that the impact of CD-ROM availability is greater than that of online services; however, efficient and cost-effective mediated online searches will continue to be important to library users and academic libraries. This kit includes a summary of the survey results and sample materials on administration/organization, evaluation, user eligibility/charges, limitation of liability, copyright, confidentiality, services/downloading, and ready reference/library loan from 26 U.S. and Canadian libraries. A list of eight selected readings is included. (MAB)

ED 328 253 IR 053 410
Anderson, Nancy D. Stenstrom, Patricia F.

Onsite Access to Library Collections by Visiting Scholars.

Association of Research Libraries, Washington, D.C. Office of Management Studies.

Pub Date—Jun 89
Note—155p.

Available from—Association of Research Libraries, Office of Management Services, 1527 New Hampshire Avenue, NW, Washington, DC 20036 (\$20.00).

Pub Type—Legal/Legislative/Regulatory Materials (090) — Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Libraries, *Access to Information, Higher Education, *Library Circulation, Library Collections, Library Expenditures, *Library Services, *Library Statistics, Library Surveys, Online Searching, Questionnaires, Reference Services, *Research Libraries, Users (Information)

Documentation supplied in this kit demonstrates how research libraries provide services to visiting scholars as distinguished from other categories of external user. A "visiting scholar" is most often defined as a faculty member affiliated with an institution of higher education but the term may also include independent scholars and persons affiliated with non-profit research institutions. Results of a survey of Association of Research Libraries (ARL) member libraries demonstrate that scholars connected with higher education institutions may have access to all ARL libraries and their in-house collections. Occasionally the library may limit the use to a restricted time period, for example, seven days. Reciprocal (consortial) agreements among libraries allow visiting scholars to borrow material and gain access to collections; it is viewed as both an extension of interlibrary loan and as part of the libraries' responsibility to each others' faculty. In general, the policies which govern in-house use for visiting scholars are much the same as for affiliated scholars; the only apparent difference in policy pertains to

circulation policies. Nearly all visiting scholars incur fees for photocopying services, interlibrary borrowing, and online search services. Although short-term access to library collections is almost invariably free, fees are generally charged for long-term access. Included in this kit are a summary of the survey results and materials from more than 40 libraries and related agencies which include definitions of a visiting scholar, library policy statements, and documents supporting specific reciprocal borrowing agreements on the national, regional, and local level. (MAB)

ED 328 254

IR 053 411

Wittenbach, Stefanie A.

Automated Authority Control in ARL Libraries.

SPEC Kit #156.

Association of Research Libraries, Washington, D.C. Office of Management Studies.

Pub Date—Aug 89

Note—125p.

Available from—Association of Research Libraries, Office of Management Services, 1527 New Hampshire Avenue, NW, Washington, DC 20036 (\$20.00).

Pub Type—Reports—Research (143)—Tests/Questionnaires (160)

EDRS Price—MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Libraries, Bibliographic Utilities, *Cataloging, Higher Education, Library Automation, Library Surveys, *Library Technical Processes, Occupational Information, *Online Systems, Questionnaires, Research Libraries, *Subject Index Terms

Identifiers—Authority Control (Information)

This kit reports on a survey which focused on the methods by which libraries practice online authority control to ensure that names, subjects, and uniform titles are consistently applied and maintained in bibliographic records. Questionnaires were sent to 32 selected member libraries of the Association of Research Libraries (ARL) to determine the extent to which they used automated authority control; 30 responses were received. The majority of these libraries reported that they practice both pre- and post-cataloging authority control, and the method of control that is used is largely dependent on the type of bibliographic record which is examined. Authority control procedures are usually not delegated by a person whose primary responsibility they are, but rather by a committee or a catalog maintenance unit. In addition to the questionnaire and a summary of the survey results, this kit contains: (1) job descriptions and organization charts from the universities of California at Los Angeles, Notre Dame, New Mexico, Iowa State, and Kansas, and also from Vanderbilt University and the National Library of Canada; (2) procedural documents from the universities of California at Berkeley, Iowa, Rochester, Kansas, New Mexico, and Utah, and also from Rice University and Washington University; (3) authority workforms from the universities of Kansas and New Mexico, the National Library of Canada, and Harvard College; and (4) systems reports from the universities of Cincinnati and Kansas and from Vanderbilt University. A list of eight selected readings is included. (MAB)

ED 328 255

IR 053 412

Podolsky, Arthur

Academic Libraries: 1988. E.D. TABS.

National Center for Education Statistics (ED), Washington, DC.

Report No.—NCES-90-374

Pub Date—Sep 90

Note—180p.; Data Series: DR-IPEDS-88/89-10.1.

Pub Type—Numerical/Quantitative Data (110)—

Reports—Research (143)—Tests/Questionnaires (160)

EDRS Price—MF01/PC08 Plus Postage.

Descriptors—*Academic Libraries, Data Analysis, Higher Education, Library Administration, *Library Circulation, *Library Collections, Library Equipment, *Library Expenditures, *Library Personnel, *Library Statistics, Library Surveys, National Surveys, Questionnaires, Resource Allocation

Based on information from the 1988-89 IPEDS (Integrated Postsecondary Education Data System) Academic Libraries Survey, this report presents data from the higher education institutions in IPEDS, i.e., all colleges and universities with accreditation at the higher education level in the 50 states and the District of Columbia. Analyses of these data indicate that the three largest individual

expenditure items for libraries at the 3,438 institutions of higher education were salaries and wages, current serial subscription expenditures, and print material expenditures. It was also found that libraries of the 466 doctoral-granting institutions (13.6% of the total) accounted for more than half of the 101,000 operating expenditures of almost \$2.8 billion, half of the 101,000 full-time equivalent (FTE) staff, and more than half of the total of 200 million circulation transactions at all academic libraries. The number of volumes held at all academic libraries at the end of fiscal year 1988 totaled almost 720 million. The narrative portion of this report includes highlights of the findings, a brief introduction, technical notes, and definitions. Detailed data are presented in tables for library operating expenditures, FTE library staff, library collections, library loan transactions, and library service per typical week. A copy of the questionnaire and instructions for its use are included. (MAB)

ED 328 256

IR 053 413

Alexander, Margaret

Acquired Immune Deficiency Syndrome, AIDS: A

Selected Bibliography of Federal Government

Publications. Research Guide 90 104.

Auburn Univ., AL. Univ. Libraries.

Pub Date—90

Note—18p.

Pub Type—Reference Materials—Bibliographies (131)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, Child Health, Drug Abuse, *Drug Therapy, *Federal Legislation, *Government Publications, Government Role, *Health Education, Health Personnel, *Medical Research, Minority Groups, Public Agencies

This research guide presents a selected bibliography of federal government publications about the Acquired Immune Deficiency Syndrome (AIDS). These documents are listed in five categories: (1) Bibliographies (7); (2) Congressional Publications (69 hearings and reports); (3) Executive Branch Publications (43 reports); (4) Federal Government Periodicals (34 articles); and (5) Government Statistical Publications (10 reports). Agencies producing the majority of these publications include the Centers for Disease Control; the Department of Health and Human Services; the National Cancer Institute; the National Center for Health Services Research and Health Care Technology Assessment; the National Center for Health Statistics; the National Institutes of Health, Justice, Mental Health, and Alcohol Abuse and Alcoholism; the National Institute on Drug Abuse; the National Library of Medicine; the Public Health Service; various committees of the House of Representatives and the Senate; and the Office of Technology Assessment. The topics covered include AIDS and children; the federal response to the AIDS epidemic; AIDS education, care, and drug development; condom advertising; the protection of health care workers against the AIDS and Hepatitis B viruses; operational aspects of AIDS research; intravenous drug use; the impact of AIDS on the Black and Hispanic communities; AIDS testing; medical testing and health insurance; AIDS in the military; and AIDS in prisons and correctional facilities. Each entry includes the government agency responsible for the report, the title, publication date, and the SuDocs (Superintendent of Documents) call number. (MAB)

ED 328 257

IR 053 414

Buchman, James H. Byrnes, Jane, Ed.

The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional

Paper Series 3, No. 1.

Ohio State Library, Columbus.

Pub Date—Jul 90

Note—31p.; For the first edition, see ED 314 065.

Pub Type—Guides—Non-Classroom (055)—

Opinion Papers (120)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—Costs, *Electronic Equipment, *Facsimile Transmission, Guidelines, Library Automation, Library Expenditures, *Library Materials, *Library Services, Policy Formation, *Telecommunications

Addressing both positive and negative issues associated with adapting telefacsimile technology to meet library service needs, this guide provides basic information about the technology while illustrating how librarians have begun to incorporate it into their work processes. The following topics are covered: (1) the definition of telefacsimile and its his-

tory; (2) a history of telefacsimile use in libraries; (3) technological changes; (4) telefacsimile applications in libraries (interlibrary loans, branch communications, and reference services); (5) electronic mail and telefacsimile; (6) what to look for when purchasing equipment (vendors, "bells and whistles," plain paper units, and maintenance agreements); (7) telecommunication costs; (8) current policies for telefacsimile use in libraries; (9) "junk fax" mail; and (10) telefacsimile's future. Three appendices provide definitions of terms, the names and telephone numbers of telefacsimile equipment manufacturers, and suggested guidelines for library use of telefacsimile. (9 references) (MAB)

ED 328 258

IR 053 415

Beyond Bibliographic Data: Proceedings of the

Library of Congress Network Advisory Committee

Meeting (Washington, D.C., March 29-31,

1989). Network Planning Paper No. 19.

Library of Congress, Washington, DC. Network

Development and MARC Standards Office.

Report No.—ISBN-0-8444-0657-0; ISSN-0160-

9742

Pub Date—89

Note—60p.; For Network Planning Paper No.

17-1988 conference, see ED 315 098.

Available from—Cataloging Distribution Service,

Library of Congress, Washington, DC 20541.

Pub Type—Collected Works—Proceedings (021)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—Bibliographic Databases, Computer Networks, *Full Text Databases, *Information Networks, *Information Retrieval, Information Storage, *Integrated Library Systems, Library Networks, National Programs, *Numeric Databases, Online Searching, *Research Tools

The seven papers in these proceedings focus on the characteristics and potentials of non-bibliographic databases in the context of library and commercial networks. Following an introduction by Sandra K. Paul, this report presents the individual papers: (1) "User Perspectives and Requirements: Creator of Non-Bibliographic Databases Has To Share with Others" (Rudolph M. Bell); (2) "Making Remotely Sensed Data More Accessible" (Charles E. Olson, Jr.); (3) "Networking and Access to Non-Bibliographic Databases: A Commercial Perspective" (Dennis McDonald); (4) "The Research Libraries Group (RLG) Assessment of Non-Bibliographic Information Needs" (Constance Gould); (5) "Summary of Three Non-Bibliographic Operating Entities" (C. James Schmidt); (6) "Beyond Bibliography or Creating the Rosetta Stone for the 21st Century" (Kenneth Dowling); and (7) "Non-Bibliographic Databases in the Network Context: Meeting Notes and Discussion Comments" (Ronald F. Miller). A summary of the business session and a meeting agenda are included. (MAB)

ED 328 259

IR 053 416

Davis, H. Scott, Ed.

Bibliographic Instruction in Indiana.

Indiana Library Association; Indiana Library

Trustee Association, Indianapolis; Indiana State

Library, Indianapolis.

Pub Date—88

Note—68p.

Journal Cit.—Indiana Libraries; v7 n2 1988

Pub Type—Collected Works—Serials (022)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—Academic Libraries, Elementary Secondary Education, Higher Education, *Librarian Attitudes, Library Automation, *Library Development, *Library Instruction, Public Libraries, School Libraries

Identifiers—*Indiana, Librarian Teacher Cooperation

This issue contains nine articles written by Indiana librarians involved in bibliographic instruction: (1) "Information Management Education—Beyond BI (Bibliographic Instruction)" (Gillian S. Gremmler); (2) "Dealing with the New Technology: An Instructional Primer" (Patrick Marx); (3) "Librarian/Teacher Partnerships for Better Library Instruction: Two Views" (Freda Kegley and Julie Bobay); (4) "Course-Integrated Library Instruction: Earlham College Revisited" (Marsha A. Miller); (5) "Preparation for Undergraduate Bibliographic Instruction: A Personal Experience" (Mary Stanley); (6) "The Purdue Undergraduate Library Research Skills Instruction Program" (Dana E. Smith); (7) "A Statement of Opinion: Working under Cover To Promote OPAC (the Online Public Access Catalog)" (Matt Hannigan); (8) "Critical Thinking Skills: The Role of the School Library" (Elizabeth

Hatton Zuelke); and (9) "Bibliographic Instruction and User Education: A New ILA (Indiana Library Association) Discussion Group" (Emily Okada and Mary Popp). (MAB)

ED 328 260 IR 053 417

Bourbon, Terri, Ed.
Catalog of ERIC Clearinghouse Publications.
ACCESS ERIC, Rockville, MD.
Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.
Pub Date—Sep 90
Note—139p.; This catalog is updated and published annually.
Available from—ACCESS ERIC, 1600 Research Boulevard, Rockville, MD 20850 (\$8.00).
Pub Type—Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC06 Plus Postage.
Descriptors—*Clearinghouses, *Education, Elementary Secondary Education, Higher Education, Literature Reviews, *Publications, Reference Materials, *Resource Materials, *State of the Art Reviews
Identifiers—ERIC

The "Catalog of ERIC Clearinghouse Publications" lists approximately 500 titles of publications prepared by the ERIC Clearinghouses and currently available in original copies from them. It is the equivalent of a "Books-in-Print" for the ERIC Clearinghouses. The titles listed range across the past several years. Titles are arranged by Clearinghouse and within Clearinghouse by type of publication, e.g. digests, trends and issues papers, Q&As, books, literature reviews, etc. Each entry provides only title, order number, and price. A comprehensive subject index provides access to the titles by subject (ERIC Descriptor). This catalog is to be distinguished from the annual "ERIC Clearinghouse Publications" which is subtitled "an annotated bibliography of information analysis products and other major publications of the ERIC Clearinghouses, January-December [Year]." This latter publication lists only the ERIC Clearinghouse publications announced in "Resources in Education (RIE)" during the year just past. (AA)

ED 328 261 IR 053 418

Jaques, Thomas F.
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995.
Louisiana State Library, Baton Rouge.
Pub Date—90
Note—89p.; For the 1989-1993 report, see ED 314 068. Maps contain small print which may not reproduce well.

Pub Type—Legal/Legislative/Regulatory Materials (090) — Opinion Papers (120)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—Federal Aid, *Information Needs, *Information Services, Library Cooperation, Library Networks, Library Planning, *Library Services, *Long Range Planning, *Public Libraries, Shared Library Resources, *Statewide Planning
Identifiers—Library Services and Construction Act, *Louisiana

This long-range library program for the state of Louisiana identifies specific inadequacies in public library services, resources, facilities, and personnel. It identifies the people who are to be served, and reveals geographical, socioeconomic, and educational barriers to the expanded use of libraries. Finally, it presents specific goals and objectives as part of an overall plan to overcome both inadequacies and barriers in the state's public libraries. It also highlights the activities of the Louisiana State Library and its administration of Library Services and Construction Act (LSCA) funds, but its focus is on the challenge of improving library service to all citizens in the state. A 5-year program designed to meet that challenge is described, including plans for programs of public library construction, training of library personnel, interlibrary cooperation, and shared resources programs. It is noted that LSCA funds enable the State Library to provide special programs reaching the handicapped, the illiterate, the institutionalized, the aged, the limited English-speaking minorities, and others. Appended materials contain an organization chart of the Louisiana State Library; 10 maps depicting various demographic factors; a list of the members of the LSCA State Advisory Council on Libraries, and a statement of LSCA criteria, priorities, procedures, and policies. (MAB)

RIE JUN 1991

ED 328 262 IR 053 420

Copyright & Home Copying. Technology Challenges the Law.
Congress of the U.S., Washington, D.C. Office of Technology Assessment.
Report No.—OTA-CIT-422
Pub Date—Oct 89
Note—303p.
Available from—Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9325 (GPO Stock Number 052-003-01169-7; \$13.00).

Pub Type—Legal/Legislative/Regulatory Materials (090) — Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC13 Plus Postage.
Descriptors—*Audiotape Recordings, *Economic Impact, Electronic Equipment, Fair Use (Copyrights), *Information Technology, Information Transfer, *Intellectual Property, *Legal Responsibility, Questionnaires, Reprography, Surveys, Technological Advancement, Videotape Recordings

Identifiers—*Home Recording
Home recording technologies allow today's consumer to make near-perfect copies of recorded music, television shows, movies, and other copyrighted works for private use at home. With the advance of digital recording equipment, consumers will be able to reproduce these copyrighted works with even greater accuracy. This is an issue of great concern for copyright owners, who claim that home copying is detrimental to their sales. This report presents an examination of home recording technologies and their relationship to the legal status of home copying, a comparison of the economic effects that home audiotaping may have on the recording industry with the effects that restricting home taping might have on consumers, a discussion of legal action that Congress or the industry may initiate, and the results of a national survey of home taping and copying behavior. The report is divided into seven chapters: (1) Summary, Issues, and Options; (2) Technological Change and Home Copying; (3) Legal Aspects of Copyright and Home Copying; (4) An Overview of the U.S. Record Industry; (5) Copyright Royalties for Music and Sound Recording; (6) The OTA (Office of Technology Assessment) Survey; and (7) Economic Perspectives on Home Copying. Appendices contain a description of the survey development and review, a copy of the survey questionnaire, OTA survey tables, and a list of contractor reports related to the study. (MAB)

ED 328 263 IR 053 421

Oakley, Robert L.
Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution.
Commission on Preservation and Access, Washington, DC.
Pub Date—Sep 90
Note—69p.

Available from—Commission on Preservation and Access, 1785 Massachusetts Avenue, NW, Suite 313, Washington, DC 20036 (\$15.00, U.S. funds only).

Pub Type—Information Analyses (070)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Archives, *Compliance (Legal), Computer Storage Devices, *Copyrights, Fair Use (Copyrights), Federal Legislation, Information Storage, *Library Collections, *Library Materials, Microreproduction, *Preservation, Telecommunications

Identifiers—Book Preservation, Brittle Books
The deterioration of printed materials is a problem which is plaguing libraries worldwide. Preservation of these millions of volumes is a daunting task—many of the materials are so brittle that the lightest touch may damage them irrevocably. This paper explores the issues of maintaining preservation efficiency without infringing upon copyright laws. Six major sections explore these issues: (1) Background (the cause and magnitude of deterioration and the creation of the Commission of Preservation and Access in 1984); (2) The U.S. Copyright Scheme (the extent of public domain, copyright status of a work, the rights of and limitations on copyright owners); (3) Reprise—Applying the Act to the Brittle Books Preservation Program; (4) What Have Other Organizations Done about Copyright? (the Library of Congress, Research Libraries Group, National Library of Medicine, and University Microfilms); (5) A Review of Several Possible Solutions

(negotiated agreements with publishers, reliance on Fair Use, amendment of the Copyright Act, collective licensing, internal royalty payment fund, creation of quasi-governmental corporation); and (6) Legislative or Other Follow-Up Action (decisions to be made, discussion and agreements among library groups, discussion with publishing community, and discussion with congressional staff and the Copyright Office. A list of the publishing organizations participating in the Copyright Clearance Center's Annual Authorizations Service as of January 1990 is appended. (214 footnotes) (MAB)

ED 328 264 IR 053 422

The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990.
Commission on Preservation and Access, Washington, DC.

Pub Date—Sep 90
Note—54p.; For the 1988-1989 Annual Report, see ED 314 082.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Annual Reports, *Archives, Financial Support, Foreign Countries, *Information Networks, *Information Technology, International Cooperation, Microreproduction, Optical Disks, *Preservation, Records Management, Telecommunications

Identifiers—National Endowment for the Humanities

This annual report describes the activities of the Commission on Preservation and Access, a private, nonprofit organization that works through existing institutions and groups to foster, develop, and support collaboration among libraries and allied organizations in order to ensure the preservation of the published and documentary record in all formats, and to provide enhanced access to these records. The first of 12 sections, the introduction to this report highlights a multifaceted initiative undertaken by the preservation community under the leadership of the National Endowment for the Humanities (NEH) Office of Preservation to preserve over three million brittle documents over a 20-year period. In the second section, a special report by the Technology Assessment Advisory Committee (TAAC) outlines the preparation of a series of analytic and conceptual papers that will explore options for reformatting preservation copy and the rapidly developing telecommunications technologies. The remaining sections focus on: (1) the organization, support, and 1989-90 initiatives of the Commission; (2) archival preservation; (3) preservation research; (4) librarian and archivist education; (5) the Brittle Books Program; (6) the selection-for-preservation process; (7) the International Project; (8) institutional programs; (9) the collaboration of the Commission with other preservation-related programs; and (10) the dissemination of information by the Commission to preservation audiences. Appended materials include a list of the Commission's reports and publications for the fiscal year; lists of the members of Commission committees, task forces, and the Board of Directors and staff; and the Commission's audited financial statements. (MAB)

ED 328 265 IR 053 423

Papa, Ophelia D. Lamprecht, Sandra J.
Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad.

California Univ., Davis. Univ. Library.
Pub Date—Oct 90
Note—83p.

Pub Type—Reference Materials - Directories/Catalogs (132)

EDRS Price - MF01/PC04 Plus Postage.
Descriptors—*Academic Libraries, Foreign Countries, Higher Education, Library Catalogs, Library Circulation, *Library Collections, Library Facilities, Library Guides, *Library Services, *Study Abroad

Identifiers—University of California

This directory of selected University of California Education Abroad Program (UC-EAP) host university libraries is intended to offer students and others a compilation of information necessary for research in 38 university libraries located in Europe, Asia, Australia, Africa, and North and Latin America. Each library profile within the directory is arranged alphabetically by country and has information grouped under six headings: (1) name and address; (2) description, including number of volumes and journals, other significant materials, major collection strengths, library hours, year established, and

number of library branches; (3) borrowing privileges, including how to obtain a library card and length of time books may be borrowed; (4) organization of information, including card catalogs, classification systems, and stack access; (5) library facilities and services, including research rooms, photocopies, typewriters, online searching, library brochures, reference help, and library tours; and (6) student comments. If no information was available for a category, that category has been omitted. Information for this directory was obtained from student and librarian questionnaires and up-to-date library leaflets and brochures. (MAB)

ED 328 266

IR 053 424

Weber, Lisa B.

Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. National Historical Publications and Records Commission, Washington, DC.

Pub Date—Mar 90

Note—15p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Archives, Computers, *Databases, *Electronic Publishing, *Information Storage, Library Collections, *Preservation, Problems, *Records Management, Telecommunications

Identifiers—Archival Value, Multimedia Materials

Our society is witnessing an ever-increasing sophistication in the development and use of computer and associated telecommunications technologies. Archivists are no longer faced with preserving relatively simply numeric files, but with maintaining a vast array of electronic information holdings ranging from complex databases to compound electronic documents composed of text, images, sound, graphics, and data. Although information in electronic form may offer several research advantages over paper records, archivists find preservation of and access to electronic records problematic for a variety of reasons: (1) electronic information is system dependent; (2) electronic information resides on fragile storage media; and (3) electronic information can be easily erased or changed. Archivists have devised several approaches to ensure the preservation of information in electronic form. These are: (1) archival involvement with information systems at their inception or design stage to ensure the availability of historically valuable electronic information; (2) the development and use of standards to ensure the transfer of data across fragile media and constantly changing technological environments; and (3) the development of interdisciplinary projects to test possible solutions that build upon others' expertise. Recommendations for five categories of activities to be supported during the coming years conclude this report. (11 references) (MAB)

ED 328 267

IR 053 425

An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners. Evaluation Research, Newton Highlands, MA. Spons Agency—Massachusetts Board of Library Commissioners, Boston.

Pub Date—Mar 90

Note—28p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adult Basic Education, *Adult Literacy, Adult Reading Programs, *Computer Assisted Instruction, *Correctional Institutions, Library Role, *Literacy Education, Nontraditional Students, Pilot Projects, Program Evaluation, *Public Libraries

Identifiers—North Central Correctional Institute MA, *Principle of the Alphabet Literacy System, Springfield City Library MA

This evaluation used ethnographic data collection methods to discover why IBM's PALS (Principle of the Alphabet Literacy System met with different degrees of success at the two Massachusetts pilot sites after 2 years of operation: the North Central Correctional Institute (NCCI) in Gardner, and the Brightwood Branch Library in Springfield. Three profiles are included in this report: (1) PALS itself; (2) the application of PALS at NCCI (including its limitations, outcomes and future directions); and (3) the application of PALS at Brightwood (including its future directions and a profile of its learner-centered Read/Write/Now program). These profiles describe the teaching philosophies of the host organization and interpret the data collected from the program staff and program materials during a

one-day visit to each site. Several months after the two site visits, follow-up telephone interviews were conducted to provide updated information about key PALS features. The conclusions discuss the success or lack of success of PALS both within the program context and as a system for teaching adult literacy. Recommendations to IBM for improving PALS and to the Board of Library Commissioners for future funding and evaluation of the pilot programs conclude the report. Appended materials listed in the table of contents are not included in this document. (3 tables) (MAB)

ED 328 268

IR 053 426

Kuhlthau, Carol C. And Others

Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project. Rutgers, The State Univ., New Brunswick, NJ. School of Communication, Information, and Library Studies.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—[89]

Contract—G008720323-87

Note—68p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Academic Libraries, *Cognitive Measurement, Cognitive Processes, *Emotional Response, Higher Education, Information Needs, *Information Seeking, Learning Resources Centers, *Models, Psychological Studies, Public Libraries, School Libraries, Secondary Education, *Users (Information), User Satisfaction (Information)

Identifiers—Cognitive Research, *Kuhlthau Model

Prior research on the information-seeking process, conducted by Kuhlthau in the school library setting, led to the identification of a six-stage model of the search process, describing cognitive and affective symptoms commonly experienced by library users. The present study was designed to determine whether that model is generalizable to other types of libraries. Findings indicate that, in general, the model also holds for users in academic and public libraries. The problem addressed is the complex sense-making process of users in an information search over an extended period of time, particularly changes in thoughts and feelings as a search progresses. The work is in the tradition of Belkin's anomalous state of knowledge, Taylor's levels of information need, and Dervin's sense-making. Findings indicate that thoughts about a topic become clearer and more focused as one moves through the search process, seeking more relevant and pertinent information. Feelings accompanying these changes matched those predicted in the Kuhlthau Model with confidence steadily increasing. Uncertainty, confusion, and frustration decreased and feelings of being satisfied, sure, and relieved increased during the search process. However, participants' perceptions of the search task often did not match the cognitive and affective symptoms predicted by the early stages of the model. Activities designed to infuse the findings into practice included the development of an institute for practicing libraries and the design of learning modules for MLS programs. A symposium for scholars actively engaged in this field of research was also planned. (MAB)

ED 328 269

IR 053 427

Johnson, Debra Wilcox Edmonds, M. Leslie

Family Literacy Library Programs: Models of Service.

Iowa State Library, Des Moines.

Pub Date—90

Note—67p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Adult Literacy, Adult Reading Programs, *Family Environment, *Family Programs, Family School Relationship, *Library Services, *Literacy Education, Models

Identifiers—Family Literacy

This manual introduces the topic of family literacy programs in libraries and provides guidelines for libraries that are just getting started in family literacy programs as well as libraries that are further developing their existing programs. It is argued that illiteracy tends to be both intergenerational and cyclic, i.e., if a child's parents are illiterate, then it is more than likely that the child will also be educationally disadvantaged. For this reason, the program focuses its efforts upon family-oriented literacy pro-

grams. This manual covers five major topics: (1) the need for family literacy programs and literacy efforts in public libraries; (2) service models, including a continuum of involvement; (3) family literacy activities, which include children's literature and parenting skills services; (4) planning, funding, determining objectives and strategies for, and evaluating family literacy programs; and (5) issues related to family literacy programs such as the recruitment and retention of program participants. A 23-item bibliography and a list of 14 references useful in building a home library are appended. (MAB)

ED 328 270

IR 053 428

Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet.

International Federation of Library Associations, The Hague (Netherlands).

Pub Date—89

Note—28p.; Prepared by the International Federation of Library Associations (IFLA) Standing Committee for Public Libraries. Standing Committee for Public Libraries.

Pub Type—Guides - Non-Classroom (055) — Opinion Papers (120) — Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Dyslexia, Elementary Secondary Education, Foreign Countries, *Functional Literacy, High Interest Low Vocabulary Books, *Library Role, *Library Services, *Literacy Education, *Public Libraries, *Reading Difficulties

Identifiers—*Scandinavia

This pamphlet describes literacy programs currently in effect in Scandinavian countries and provides guidelines for the development of similar programs. Reasons for functional illiteracy in the industrialized world are discussed, and current and potential roles for public libraries in improving the situation are considered. Persons who are functionally illiterate with whom libraries can work are identified as unaccustomed readers, weak readers and writers, and the reading and writing handicapped, and it is posited that cooperation between libraries and specialists in the field and professional groups is a necessary prerequisite for achieving results. It is also pointed out that acceptance by the general public that functional illiteracy does not indicate a lack of intelligence will make it easier for weak readers and writers to seek assistance. Problems created by the small number of available easy-to-read materials in some of the Scandinavian languages and the perception that recorded books are only for the handicapped are also discussed. A number of Scandinavian projects and their results are then described, including Norway's local radio project and campaigns in the schools designed to stimulate children and adolescents to read more. Swedish literacy measures and projects are also described, as well as services that libraries can provide for dyslexic patrons and those with reading problems. The potential impact of information technology on public library users is also discussed. A brief review of central international measures and support systems for the functionally illiterate and suggestions for future activities conclude this report. (MAB)

ED 328 271

IR 053 429

Walker, Walt Cat

Gay and Lesbian Studies. A Research Guide for the UCLA Libraries.

Pub Date—Apr 90

Note—145p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Annotated Bibliographies, Higher Education, *Homosexuality, Information Needs, Information Seeking, *Information Sources, *Lesbianism, Life Style, *Reference Materials, *Search Strategies

Identifiers—University of California Los Angeles

Designed to aid students and other researchers in finding information about gays, lesbians, and homosexuality, this guide contains a collection of annotated bibliographies, or pathfinders, of both gay and general reference sources in each of 14 disciplines and lists of some major gay and lesbian works in each area. The materials listed are based upon the University of California, Los Angeles library collections, and they include gay and lesbian interdisciplinary reference sources, gender studies reference sources, popular/general interest reference sources, other interdisciplinary reference sources, autobiographies and biographies, essay collections, interdis-

disciplinary periodicals, and nonfiction prose. Materials listed for each of the disciplines may include indexes, encyclopedias and handbooks, bibliographies, directories, and dictionaries. The disciplines covered are the arts, literature, philosophy, religion, history, social sciences, anthropology, education, sociology, psychology, sexuality, health science, business, and law. Introductory materials provide a brief overview of the current status of gay and lesbian studies programs and the availability of information in this area, as well as explanations of how to use this guide and how to search for information in gay and lesbian studies. The pathfinders are followed by a list of other resources for research, a guide to the use of gay-related terms in several online databases, and a title index to the reference works. (MAB)

ED 328 272 IR 053 430

Jensen, Jan. And Others

Getting the Facts As Soon As Possible Through

Fax.

Pub Date—90

Note—21p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Facsimile Transmission, *High Schools, Information Dissemination, Interlibrary Loans, *Learning Resources Centers, Library Collection Development, *Library Networks, Post Secondary Education, *Shared Library Resources

Identifiers—ASAP Consortium, Denver Public Schools CO, Library Services and Construction Act

In response to both teachers' and students' needs, high school media specialists in Denver, Colorado, formed a resource sharing consortium called ASAP (As Soon As Possible), a multitype library telefacsimile consortium, which is supported by 1988-1990 Library Services Construction Act (LSCA) funds. ASAP members include 14 high school library media centers in Colorado, two alternative schools, two academic libraries, one public library branch, one special library, and one vocational school. These 21 libraries share primarily serials documents and secondarily lesson plans and other interlibrary communications via fax. This article describes equipment selection, resource sharing agreements, serials directory information, and collection development activities of the consortium. From the first steps in grant writing and initial publicity through user evaluations and research findings, the ASAP story chronicles the first of seven subsequent projects that Colorado libraries are implementing in an effort to build upon statewide resource sharing efforts. ASAP focuses on five objectives: (1) to use telefacsimile technology to share documents and transfer information among multitype libraries in Jefferson County, Colorado; (2) to provide a serials directory of holdings to all member libraries; (3) to sustain ongoing interlibrary communication, cooperation, and collaboration; (4) to continue to develop and refine fax usage protocols, interlibrary loan, and resource sharing agreements; and (5) to provide leadership to other libraries interested in cultivating partnerships. (13 references) (MAB)

ED 328 273 IR 053 432

Fisher, Patricia A.

Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper.

Pub Date—Oct 88

Note—14p.

Pub Type—Opinion Papers (120) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Libraries, Fair Use (Copyrights), Higher Education, *Librarian Attitudes, *Library Services, Library Surveys, *Reprography, Resource Materials, *Use Studies

Identifiers—*Reserve Book Collections

One hundred fifty academic libraries were surveyed to determine if professional note photocopying services were a factor in any decline in use of reserve by faculty at their institutions. Eighty-six responses were received. While they did not feel that use of library reserve services were being jeopardized, respondents indicated a number of concerns about professional note photocopying services. Some of the other most common reasons for the decrease in the use of reserve facilities cited by the respondents were the existence of new campus copying facilities; library concerns about copyright infringement; curriculum change; complaints about the costs, inefficiencies, and limitations of the

reserve process; reduction in student enrollment; departmental reading collections; and the lack of publicity about reserve availability. Academic librarians may wish to acknowledge the possible attenuating effect of professional note copying services on their operations. (A copy of the questionnaire is attached.) (Author/MAB)

ED 328 274 IR 053 433

Information Resources Management. A Bibliography with Indexes, 1984-1989. A Selection of Annotated References to Reports and Journal Articles Entered into the NASA Scientific and Technical Information System from 1984 through 1989.

National Aeronautics and Space Administration, Washington, DC. Scientific and Technical Information Branch.

Report No.—NASA-SP-7079

Pub Date—May 90

Note—204p.; Indexes have very small type.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—Annotated Bibliographies, Artificial Intelligence, Expert Systems, *Information Management, Information Networks, Intellectual Property, Library Automation, Management Information Systems, Man Machine Systems, *Scientific and Technical Information, Telecommunications

Identifiers—Computer Security

This information resources management (IRM) bibliography provides abstracts of reports and journal articles entered in the National Aeronautics and Space Administration (NASA) scientific and technical information system over a 6-year period. These abstracts are presented in 10 areas: (1) IRM activities and planning; (2) computers, telecommunications, and networks; (3) artificial intelligence, expert systems, and knowledge systems; (4) the human interface; (5) decision support; (6) applications to special areas; (7) management information systems; (8) scientific and technical information and libraries; (9) systems security; and (10) intellectual property. Seven separate indexes provide access to these abstracts by subject, personal author, corporate source, contract number, report number, and accession number. National Technical Information Service (NTIS) order numbers are provided for the items cited and a current NTIS price schedule (effective January 1, 1990) lists North American and foreign prices for standard and exception price documents and microfiche. (MAB)

ED 328 275 IR 053 434

Li, Tze-chung

Information Retrieval in Multimedia Sources in an Electronic Age.

Pub Date—88

Note—19p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Cataloging, *Databases, Gateway Systems, *Information Technology, *Microforms, *Online Searching, *Optical Data Disks, Standards, Telecommunications

Identifiers—DIALOG, ORBIT

The last three decades have shown a marked development in new technologies for storing and retrieving information: microform in the 1960s; online database in the 1970s, and CD-ROM in the 1980s. While microform lacks volatility and multiple access points, preservation programs find it to be ideal storage media: it has a longer life expectancy than the other media; its use life is less limited; and it has a lower maintenance cost. Library operations have been significantly impacted by the large storage capacities and volatility of online databases and CD-ROMs. A few commercial publications provide information on additional physical forms in which a work is available, e.g., "Law Books and Serials in Print: A Multimedia Sourcebook" (Bowker, 1985) lists, in addition to books, audiocassettes, videocassettes, computer software, online databases, and microfilm. However, the shortage of bibliographical control of multisources, lack of data structure standardization, and the diversity of software programs often frustrate the user's information retrieval methods. Two charts compare and contrast the operation diversities of the BRS, Dialog, and ORBIT systems. Some of these diversities have been minimized through the emergence of gateway and the more sophisticated front end software, although a completely standardized interface which enables the users to access multiple systems has yet to be

developed. (24 references) (MAB)

ED 328 276 IR 053 436

Pickard, Patricia White

The Instructional Consultant Role of the School Library Media Specialist: A Research Study.

Pub Date—90

Note—95p.; Specialist in Education Study Georgia State University.

Pub Type—Dissertations/Theses - Undetermined (040) — Tests/Questionnaires (160)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Classification, Consultants, Course Integrated Library Instruction, *Curriculum Development, Elementary Secondary Education, *Instructional Design, Learning Resources Centers, Library Surveys, *Media Specialists, *School Libraries, Standards, *Theory Practice Relationship

Identifiers—DeKalb School District GA, *Instructional Consultant Role, Instructional Support, Librarian Teacher Cooperation

The purpose of this study was to determine if a lag existed between the theoretical instructional role of design and consultation as described in library literature and standards and the instructional role practiced by school library media specialists. The population for this study was the 128 library media specialists of the DeKalb County Public Schools (Georgia). A three-page questionnaire was developed containing 18 taxonomy and taxonomy-related statements describing different aspects of the instructional role. The subjects rated the role statements as to their perceived importance and to the extent of practice. Frequencies and percentages of the responses were analyzed to answer the research questions. Responses were received from 65% of the participants. The results of this study indicate that there is a discrepancy between the theoretical instructional role of design and consultation and the instructional role being practiced by the DeKalb school library media specialists. Even though the data showed that the majority of the respondents perceived the instructional role as important or very important, less than 10% indicated that they practiced the role to a great or very great extent. Further study is needed to determine why more media specialists are not practicing the role and to determine ways to increase the practice of the instructional role mandated by the standards for school library specialists. Copies of the survey questionnaire, the Library Media Specialist's Taxonomy, the cover letter, the Loertscher Taxonomy, and respondents' comments from the questionnaire are appended. (49 references) (Author/MAB)

ED 328 277 IR 053 437

Humes, Barbara. Cameron, Carol

Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI.

Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—LP-90-744

Pub Date—Aug 90

Note—63p.; For the 1988 report, see ED 310 790.

Pub Type—Reference Materials - Directories/Catalogs (132) — Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Community Programs, *Federal Aid, Financial Support, *Grants, *Library Services, *Literacy, National Programs, Program Descriptions, *Public Libraries, Second Language Programs, State Libraries, Training, Tutors

Identifiers—Family Literacy, *Library Services and Construction Act

This report on the types of library projects funded by the Library Services and Construction Act (LSCA) Library Literacy Program indicates that, out of the 533 state and local public library proposals which were submitted, 214 libraries in 47 states received funding, and that grants ranging in size from \$1,400 to \$25,000 were awarded to 16 state libraries and 198 local public libraries. Six sections divide the report. Section I provides an overview of the types of literacy activities that have found funding, e.g., projects which establish literacy collections, train tutors, offer English-as-a-Second-Language instruction, or provide family literacy services. Discussed in section II are the major developments in the areas of evaluation, family literacy, computer instruction, and special populations that have occurred in these projects. Examined in section III are such common characteristics of the 1989 project activities as collaboration, cooperation, coalition building; public awareness; training; collection development; tech-

nology-assisted approaches; special instructional components; and employment-oriented projects. Section IV provides an exhaustive list of the project activities and their activity codes, and section V presents descriptions of each project. Listed alphabetically by state, the project descriptions include the library name, address and phone number, director's name, amount of funding, and codes for activities encompassed by the project's scope. Finally, section VI presents an analysis of the 1989 applications, grants, and project activities and provides statistics on the applications received and funded; it also investigates state and local public library activities. (MAB)

ED 328 278 IR 053 438

Neff, Evelyn B.
Library Programs, Library Programs for the Handicapped, Fiscal Year 1987.
Office of Educational Research and Improvement (ED), Washington, DC.
Report No.—LP-90-751
Pub Date—Aug 90
Note—45p.
Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Accessibility (for Disabled), *Assistive Devices (for Disabled), *Blindness, Braille, *Disabilities, Federal Programs, *Library Services, Mental Retardation, *Public Libraries, Talking Books, Visual Impairments
Identifiers—*Library Services and Construction Act

One in a series of published reports on selected Library Services and Construction Act (LSCA) program areas, this report presents the record of accomplishments in library services to the disabled during fiscal year 1987 nationwide, including programs in Guam, the Virgin Islands, and Puerto Rico. The typical services reported include the recordings of books and magazines on disk, cassette, and magnetic tape; the printing of books in braille and large-print; and outreach activities aimed at the handicapped. An examination of library services for the handicapped in FY 1987 revealed the following trends: (1) the use of volunteers to record printed media and repair playback equipment; (2) library automation to improve the management of regional libraries; (3) the installation of Telecommunications Devices for the Deaf (TDD), which provide closed captioning on videotapes and television programs; (4) a growth in the number and diversity of radio reading programs; and (5) the establishment of toys for disabled children programs. Over 90% of the report consists of syntheses of the reported activities by state and subgrant. A table defines the total expenditures and number of persons served through the LSCA by federal, state, and local sources for each state. (MAB)

ED 328 279 IR 053 439

Moyn, Patricia J.
Library Media Center Design Considerations for Physically Disabled Students.
Pub Date—90
Note—28p.; Paper submitted in partial fulfillment of the requirements for the M.L.S. degree, State University of New York at Albany.
Pub Type—Dissertations/Theses - Masters Theses (042)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Accessibility (for Disabled), Check Lists, *Design Requirements, Educational Environment, *Educational Facilities Planning, Elementary School Students, Elementary Secondary Education, *Learning Resources Centers, *Library Facilities, Media Specialists, *Physical Disabilities, School Libraries, Secondary School Students

Federal legislation ensures that children with physical disabilities should not be denied access to the school library. These children have the same information needs as their peers, and they want equal access to information in the school library media center. To create an accessible and functional school library, many requirements and considerations must be incorporated into this facility's early design phases. This paper establishes a checklist of considerations for library media center design for physically disabled young people by searching and analyzing research literature of the mid-1970s to the present. The checklist presents the following essential points: establishing a design planning committee, being knowledgeable about the school philosophy and building standards, developing a timetable for discussion and development of design

specifications, examination of blue prints for specifications integration, and continued communication between the architect and planning committee from the first planning meeting to completion of the library media center building project. (14 references) (Author/MAB)

ED 328 280 IR 053 440

Murai, Linda White, Phillip
Library Research Guide for International Students. 2nd Edition.
San Diego State Univ., CA. Univ. Library.
Pub Date—90
Note—64p.; For the 1987 edition, see ED 286 524.
Pub Type—Guides - Classroom - Learner (051)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Academic Libraries, *Foreign Students, Higher Education, Library Guides, *Library Instruction, Orientation Materials
Identifiers—San Diego State University CA
Created especially for international students entering San Diego State University (California), this library research guide introduces basic library materials and search techniques. The guide presents a step-by-step approach using examples and illustrations to cover the following topics: (1) introductions to San Diego State University and its library; (2) locating reference librarians and research materials; (3) library terminology; (4) locating the major service points and areas in the library; (5) locating library materials using the Library of Congress Classification System and call numbers; (6) library search strategy; (7) overview sources (encyclopedias and other reference books); (8) locating books for in-depth information using the online public access catalog; (9) identifying periodical articles in indexes and locating them in the library using the online catalog for in-depth information; (10) locating and using government publications; (11) additional library services, including computer search services, reserve books, library instruction, group study rooms, interlibrary loan, the map collection, the media center, and the university archives and special collections. Exercises are provided for many of the sections, and three appendices provide a glossary of basic library terminology in English and lists of representative subject encyclopedias and periodical indexes. (MAB)

ED 328 281 IR 053 441

The New York State Program for the Conservation and Preservation of Library Research Materials.
Discretionary Grant Application Workbook.
New York State Library, Albany. Div. of Library Development.
Pub Date—[90]
Note—100p.; For descriptions of program activities, see ED 325 138.
Pub Type—Guides - General (050)
EDRS Price - MF01/PC04 Plus Postage.
Descriptors—*Grantsmanship, Guidelines, Library Materials, *Preservation, *Proposal Writing, State Programs, *Technical Writing, Workbooks, Writing Strategies
Identifiers—*New York State Conservation Preservation Grant

This workbook is intended to aid in the preparation of the New York State Conservation/Preservation Discretionary Grant Program application and should be used in conjunction with the current Discretionary Grant Guidelines. The workbook contains hints on grant writing, a completed sample cover sheet and other application forms, good and "not-so-good" examples of the narratives for each of the six sections of the Project Description (description of institution or agency, institutional commitment to conservation/preservation, accessibility of collections to the public, research value of materials to be preserved, plan of work, and institutional contribution to the project) and a sample Project Budget. Comments which point out exactly what is missing in each "not-so-good" example are also provided and these examples comprise the main portion of the workbook. Each group of examples is preceded by a brief checklist of the information to be included in that section of the Project Description. This checklist is abstracted from the "Application Instructions," which contain much more detailed information. The "Instructions" also contain explanations of the information requested on the budget forms. The workbook should help the applicant to understand some of the common pitfalls encountered in presenting a proposal, and provide the information needed to avoid them. (MAB)

ED 328 282 IR 053 442

Craig, Darlene S.
A Plan To Reduce Library Book Losses.
Pub Date—Jun 85
Note—63p.; M.S. Practicum, Nova University.
Pub Type—Dissertations/Theses - Masters Theses (042) — Guides - Non-Classroom (055) — Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.
Descriptors—*Books, Elementary Education, *Learning Resources Centers, *Library Circulation, School Community Relationship, School Libraries, *Stealing, *Student Responsibility, Student School Relationship, *Values Education
The author researched and adapted ways to promote responsibility for library books. The program's aims were to reduce and retrieve lost library books that were reported on the inventory check and to make students, parents, and teachers aware of the problems and the importance of being responsible library users. Introduction to the project was done in three stages. Presentations were made to staff (team) leaders who presented the plan to team members. Intercom announcements were made to the student body. Project intentions were explained to parents via the school newsletters. By the end of the project fewer books were missing than had previously been reported. Students showed an awareness for the importance of being responsible about books through their actions and behavior. This is illustrated by an entire grade level returning all library books before the last day of school. (Appendices include classroom activities, book lists, newsletter information, and figures indicating decreases in book loss.) (Author)

ED 328 283 IR 053 444

Roberts, W.
Reflections on International Bibliographic Standards.

Pub Date—Sep 89
Note—28p.; Paper presented at the International Symposium on Information Technology: Standards for Bibliographic Control (Bangkok, Thailand, September 4-8, 1989).
Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.
Descriptors—*Cataloging, Developing Nations, Foreign Countries, Global Approach, Information Networks, *Intercultural Communication, Library Automation, *Library Standards, *Technological Advancement, *Technology Transfer
Identifiers—International Federation of Library Associations, *Universal Bibliographic Control
This paper raises questions about many bibliographic standards developed over the past 20 years, and challenges librarians to consider how standards might evolve. A brief overview is given of the aims of Universal Bibliographic Control (UBC) and to some assumptions common to much standardization work in recent years inspired by the concept of UBC. Current economic and technological developments influencing library standards are discussed together with their relevance to both industrialized and developing countries. Technical developments include retrospective conversion, online public access catalogs (OPACs) and compact disks (CD-ROMs). It is argued that the technological gap between industrialized and underdeveloped countries is growing, and possible ways of overcoming this are considered, including the strengthening of national information policies, professional training, and automation on an appropriate scale. Suggestions are made as to how the various producers of bibliographic standards should react. Possibilities for specific projects in the area of bibliographic control are listed, and suggestions are made for closer cooperation among national and regional associations of information professionals. It is noted that new developments in bibliographic control can also help the less developed countries to gain access, through their own libraries, to elements of their own cultural heritage contained in libraries abroad. The International Federation of Library Associations and Institutions (IFLA) is in a position to help maintain and develop technical standards, and to mediate between professional information workers from different cultures. (Author/MAB)

ED 328 284 IR 053 445

Curry, Elizabeth, Ed.
The Role of Information in the Economy of the Southeast.
Southeastern Library Association, Tucker, Ga.
Spons Agency—North Carolina State Library, Raleigh; OCLC Online Computer Library Center,

Inc., Dublin, Ohio.; Southeastern Library Network, Inc., Atlanta, Ga.

Pub Date—90

Note—85p.; Papers presented at an Invitational Conference on the Role of Information in the Economic Development of the Southeast (Raleigh, NC, February 1990).

Journal Cit—Southeastern Librarian; v40 n2 Sum 1990 spec iss

Pub Type—Collected Works - Serials (022) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Economic Development, *Economic Factors, Futures (of Society), Geographic Regions, Information Dissemination, *Information Needs, *Information Services, Information Technology, Regional Characteristics, Rural Economics

Identifiers—*United States (Southeast)

This special issue presents 15 papers presented at an invitational conference on the role of information in the economic development of the southeastern region of the United States: (1) "Three Days in February: A Summary Report on the Role of Information in the Economy of the Southeast Conference" (Joel Sigmon); (2) "Impressions of the Conference on the Role of Information in the Economy of the Southeast" (Ron Steensland); (3) "Notes on Expanding the Ideas from the Conference on Information and the Economy of the Southeast" (David L. Kallenborn); (4) "Reflections from a Participant" (Jeff S. Thompson); (5) "Keynote Speech" (David Osborne); (6) "The Future of Economic Development in the Region" (Jesse L. White, Jr.); (7) "The Economy of the Rural Southeast" (Rick Carlisle); (8) "The Economy of the Urban South" (Roy Bahl and David Sjoquist); (9) "Visualization and Information: Computer Images" (Earl R. Mac Cormack); (10) "Information and the Development of Rural North Carolina" (Howard McGinn); (11) "Meeting AT&T's Needs for Information" (W. David Penniman); (12) "Overcoming Political and Financial Barriers" (Barratt Wilkins); (13) "Implementing Change in the Development of an Information Infrastructure" (Ralph Russell); (14) "Raising Anchor, Casting Off: Information Technology and Economics in the Southeast" (Jerry Campbell); and (15) "Closing Remarks: An Overview of the Conference and a Look to the Future" (Edward Holley). (MAB)

ED 328 285

IR 053 446

Kumsa, Gabeyehu

The Role of Information System for Education Planning and Management.

Pub Date—Mar 90

Note—13p.; Paper presented at the International Congress on Planning and Management of Educational Development (Mexico City, Mexico, March 26-30, 1990).

Pub Type—Information Analyses (070) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Computer System Design, Computer Uses in Education, Developing Nations, Educational Development, *Educational Planning, *Educational Technology, Elementary Secondary Education, Foreign Countries, *Management Information Systems, Policy Formation, Science and Society, Systems Approach, *Technological Advancement, Technology Transfer

Identifiers—*Ethiopia, UNESCO

This report details how Ethiopia's Ministry of Education has met the challenges of the information age by investing in computer technology to plan and manage an education management information system (EMIS) in hopes of closing the widening technological gap between itself and other industrialized nations. The major objective for the EMIS is to make available both the data and the policy-relevant information (through the application of analytical tools and skills to the planners and decision-makers) to enhance competence of the education sector in planning, research and management. Prior to the computerization project, information was mostly outdated, limited and uninterpretable; it has been seen that the implementation of the EMIS system has eradicated these problems. However, other information needs have yet to be met. Policymakers' information needs surpass the mere tabulation of raw data; they demand data analyses that will form the basis for policy simulations, forecasts, and productivity measures. These demands may be met through an integrated systems approach to information retrieval and analysis in the education information system, including report writing, layout design, and publications. Other Ministry of Education recommendations include the establishment of computer science and technical training programs at educational institutions and Unesco consultational meetings on both the sub-regional and regional levels. (MAB)

tion system, including report writing, layout design, and publications. Other Ministry of Education recommendations include the establishment of computer science and technical training programs at educational institutions and Unesco consultational meetings on both the sub-regional and regional levels. (MAB)

ED 328 286

IR 053 447

Howrey, Mary M.

School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report.

Information Organizers of the Fox Valley, Inc., North Aurora, IL.

Pub Date—Jun 90

Note—61p.

Pub Type—Information Analyses (070) — Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Data Interpretation, Elementary Secondary Education, *Learning Resources Centers, *Library Automation, *Library Networks, Library Research, Library Surveys, Online Catalogs, Public Libraries, School Libraries, *Shared Library Resources, State Programs

Identifiers—Illinois Library and Information Network, Library Services and Construction Act, Retrospective Conversion (Library Catalogs)

This study was funded by the Library Services and Construction Act (LSCA) to enable the Illinois School Library Media Association (ISLMA) to plan the automation of the state's school libraries. The research was intended to identify current national programs of interest to ISLMA, identify current automation programs within Illinois library systems, and define automation options available to ISLMA. School librarians in 37 states were surveyed to reveal the extent of existing automation and resource sharing in their libraries; three states—New York, Pennsylvania, and Wisconsin—described programs involving a majority of the school libraries in the state. It was discovered that several pre-existing programs in Illinois—ILLINET Online, various system databases, Chicago Schools Project Inform—offer a good foundation for expanding access to school holdings. In addition, data were gathered on the wide variety of vendor technologies and product costs. On the basis of this research recommendations were made to the ISLMA which include the continued promotion of resource sharing and SILO (Serials of Illinois Libraries Online), developing awareness of telecommunications technology, utilization of the research material and statistical data collected by the survey, development of statewide guidelines for school automation, and the continuation of more grant-funded proposals and projects. Appended materials include copies of the survey questionnaire and forms, an automation product vendor list, and retrospective conversion costs. The special report provides a summary of the survey and its findings. (52 references) (MAB)

ED 328 287

IR 053 448

Katz, Suzanne

Stack Maintenance Student Aide Training Manual and Handbook. Revised.

City Univ. of New York, Flushing, NY. Queens Coll. Benjamin Rosenthal Library.

Pub Date—Nov 89

Note—21p.

Pub Type—Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Classification, College Libraries, Higher Education, *Job Training, Library Facilities, *Library Materials, Library Personnel, Reference Materials

Identifiers—City University of New York Queens College, Library of Congress Classification, *Student Assistants

This training manual describes and explains the variety of tasks performed by the Stack Maintenance Student Aides in Benjamin Rosenthal Library. A list of the stack maintenance personnel, the floor directory, student aide requirements and procedures, time sheets, notes on telephone etiquette, procedures for locating and shelving books, an overview of the Library of Congress Classification System, and directions for loading library carts, clearing the book depositories and hold shelves, using the book finder terminal, and arranging and understanding call numbers are included. (MAB)

ED 328 288

IR 053 449

Cook, M. Kathleen, Comp.

Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress.

Pub Date—90

Note—58p.

Pub Type—Reference Materials - Bibliographies (131)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Annotated Bibliographies, *Children's Literature, History, *Library Collections, *Periodicals, Reference Materials

Identifiers—*Library of Congress

This is a bibliography of 236 children's periodicals published in the United States between 1789 and 1900 and collected by the Library of Congress represents those that could be identified and actually located. No comprehensive list of children's periodicals exists, therefore several sources were consulted to determine what had been published, which of those were in the Library of Congress collection, and the correct bibliographic information for each. The entries are arranged alphabetically by title and include: original place of publication; beginning and ending date; Library of Congress holdings; Library of Congress call number; title changes, if any; and an annotation. Although most of the periodicals contain stories and poems, this information has not been repeated in every annotation; only contents that could be considered unique or distinctive have been mentioned. If a periodical is located in a special area of the Library of Congress that is also indicated. (Author/MAB)

ED 328 289

IR 053 450

Meder, Marylouise D.

The Training of Teacher-Librarians—Paving the Way.

Pub Date—[90]

Note—44p.

Pub Type—Historical Materials (060) — Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Educational Change, Educational History, Elementary Secondary Education, Higher Education, *Interprofessional Relationship, *Librarian Attitudes, *Library Education, Library Instruction, *Library Role, Preservice Teacher Education, Public Libraries, School Libraries, Schools of Education, *Teacher Attitudes, Teacher Educator Education, Teaching Methods, United States History

Identifiers—*National Education Association

This report traces the emerging relationships between the school and library systems during the colonial era until the late nineteenth century. It examines the public library's influence on early educational methodologies, describes the beginnings of the cooperative movement between teachers and librarians, and the new interrelationship which developed between the libraries and the schools. Also detailed are early efforts in the normal schools (teacher training institutions) to inform teachers about the library's educational dimension, the movement to establish separate school libraries, the subsequent establishment of a school library section/departments by the National Education Association (NEA) in 1898; the early beginnings of librarian training in normal schools and library skills instruction in school libraries, and the NEA report on the relations of public libraries to public schools. An epilogue provides a brief look at the late nineteenth century in which a more harmonious relationship developed between teachers and librarians. (122 references) (MAB)

ED 328 290

IR 053 452

Klentschy, Michael

Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District.

Pub Date—Mar 90

Note—35p.; Paper presented at the International Conference on Technology and Education (7th, Brussels, Belgium, March 20-22, 1990). Computer print-out page at the end of the document may not reproduce well.

Pub Type—Speeches/Meeting Papers (150) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Administrator Effectiveness, *Decision Making Skills, Educational Needs, Educational Objectives, *Educational Policy, Elementary Secondary Education, *Evaluative Thinking, *Information Needs, Misconceptions, *Policy Formation, Questionnaires, School Districts, Surveys, Urban Schools, User Satisfaction

(Information)

Misinformation at the point of implementation for educational policy is a serious problem with legal as well as financial implications. As is apparent in public education when central authority for policy making increases due to shifts in power and control, and local decision making decreases, as in public education, local districts and individual school administrators are most vulnerable to information attenuation (loss) and distortions (misinformation). This study examines the information attenuation in a large urban school district between school board policies, implementation procedures, and the school administrators' information base. Using Information Referenced Testing (IRT) procedures, this study quantitatively examines the attenuation and distortions in school board policies and implementation procedures and designs appropriate staff development interventions to address the problem. A copy of the questionnaire and computer printouts of data analyses are appended. (8 references) (Author/MAB)

ED 328 291

IR 053 453

Kern, Joanne F.

Using "Reader's Guide to Periodical Literature" on CD-ROM To Teach Database Searching to High School Students.

Pub Date—Jun 90

Note—58p.; Education Specialist Practicum, Nova University.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Bibliographic Databases, Computer Literacy, High Schools, *High School Students, Indexes, Intermediate Differences, *Learning Resources Centers, Library Skills, *Online Searching, *Optical Data Disks, School Libraries, *Search Strategies, *Teaching Methods

Identifiers—*Readers Guide to Periodical Literature

The lack of opportunity for high school sophomores to learn database searching was addressed by the implementation of a computerized magazine article search program. "Reader's Guide to Periodical Literature" on CD-ROM was used to train students in database searching during the time they were assigned to the library to do research papers for English classes. All students were trained to use the print index and a sample group was trained on the computer through group instruction, demonstration, observation, and a hands-on search. Students in the sample completed user survey forms from which success was measured by articles found, student preference of search method, and the perceptions, ease of use, and success reported by the students. The results indicated that the database sample group outperformed the print index slightly in the number of articles found, and that the electronic database was generally easy for the students to use. Students nearly all considered their searches successful and preferred the database search method. It was concluded that high school students can confidently use a user-friendly database with a little training and a monitor to provide troubleshooting help. Appendices include a guide on how to search "Readers' Guide" on the computer, user survey forms, and student data. (Author)

JC

ED 328 292

JC 910 026

Stanley, Linda. *And Others*

Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition.

Bronx Community Coll., N.Y.; Queensborough Community Coll., Bayville, N.Y.; Rockland Community Coll., Suffern, N.Y.; Westchester Community Coll., Valhalla, N.Y.

Spans Agency—New York State Education Dept., Albany.

Pub Date—85p

Note—85p

Pub Type—Reports - Descriptive (141) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Classroom Techniques, Community Colleges, Course Descriptions, Grading, Notetaking, Reading Instruction, Student Journals, Teaching Methods, Test Construction, Test Wise-

ness, Textbook Evaluation, Two Year Colleges, *Vocational Education, *Writing Across the Curriculum, *Writing Assignments, Writing Evaluation, *Writing Improvement, *Writing Instruction, Writing Strategies

Designed for use by technical and vocational education teachers, this monograph describes techniques for combining writing across the curriculum strategies with reading and study skills approaches. The teaching and classroom techniques presented were developed as part of the Writing and Reading in the Technologies (WRIT) project undertaken by a consortium of four community colleges in New York. The seven chapters of the monograph contain a rationale for the individual strategy described, a discussion of the specific techniques involved, charts and lists for implementing the strategy, sample assignments, and a worksheet for use by the reader in applying the strategy to his or her own classroom. Following a brief introduction, chapter I discusses the use of student journals in which students express their personal reactions to the given subject through "expressive" writing. Chapter II discusses the development of other meaningful writing assignments, focusing in particular on the use of "microthemes," or short, focused essays. Chapter III presents specific techniques for correcting, evaluating, and grading written assignments. Chapter IV provides recommendations to aid instructors in their selection of appropriate and understandable textbooks for their classes. Chapter V provides examples of good syllabi and stresses their importance in student comprehension. Chapter VI provides techniques for encouraging students to take effective notes from lectures and readings. The final chapter stresses the importance of well-constructed exams, and describes techniques for helping students become sophisticated test takers. A 61-item bibliography is included. (JMC)

ED 328 293

JC 910 065

Girard, J. E.

STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind.

Pub Date—[91]

Note—8p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Persistence, *Attendance, *Classroom Techniques, Community Colleges, Comparative Analysis, *Cooperative Learning, Feedback, Peer Relationship, *Relaxation Training, School Holding Power, *Student Participation, Test Anxiety, Two Year Colleges

Identifiers—*Edison Community College FL

A student-oriented curriculum approach was developed at Edison Community College to encourage retention and sustain students' interest in classes. The five elements of the program are student tutoring, a tournament, attendance monitoring, relaxation training, and retention goals (STARR). The tutorial component involves study teams of four or five students who utilize a "think-tank" approach to in-class and out-of-class problem solving, and student pairs of "study buddies." The teams and study buddies ensure that students have a strong support network, receive immediate feedback, and get to know each other. The attendance component of STARR involves the use of incentives for perfect attendance, such as giving students who do not miss any classes before a test five extra points on that one test. Students are permitted to make up an absence by attending a lecture on the same material that they missed, and many attend optional lectures for extra help. The relaxation training component was developed to reduce students' anxiety about course work and especially about tests. Special anxiety reduction seminars were prepared to train students in progressive muscle relaxation, proper breathing techniques, and test-taking and study techniques. The final component of STARR is a tournament approach to preparing students for the final examination. Using a college bowl format, teams compete for extra credit points by answering true-false and multiple-choice questions, and applied problems. Studies have demonstrated the effectiveness of the various components of STARR. (GFW)

ED 328 294

JC 910 078

Fryer, Thomas W., Jr. Lovas, John C.

Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition.

Pub Date—90

Note—214p.

Available from—Jossey-Bass Inc., Publishers, 350 Sansome Street, San Francisco, CA 94104 (\$28.95).

Pub Type—Books (010) — Reports - Research (143) — Information Analyses (070)

Document Not Available from EDRS.

Descriptors—*College Administration, College Planning, *Community Colleges, *Decision Making, Governance, Group Dynamics, Institutional Mission, *Leadership, Leadership Qualities, Leadership Styles, Morale, *Organizational Climate, *Organizational Communication, Organizational Development, Organizational Effectiveness, Power Structure, Two Year Colleges, Work Environment

Designed to help community college leaders direct the power of decision making and communication to fulfill the institution's mission, this book draws from on-site interviews and a survey of hundreds of community college leaders to identify and describe models of effective governance. "Leadership in governance" is defined as the creation of conditions, through decision making and communication, which commit organizational participants to the service of institutional purposes, acting beyond mere compliance with the mandates of their job. Chapters 1 and 2 focus on the nature and function of leadership in governance, describing how leadership and governing structures shape decision-making climates and the context for decision making in community colleges. Chapter 3 argues that a well-understood planning process is critical to sound internal decision making. Chapter 4 elaborates upon four aspects of decision making: context, preparation, structure and content, and participation. Chapter 5 discusses how and when various decisions are implemented and what systems or methods are used to monitor their implementation. Chapter 6 discusses situations in which the impetus for decision making comes from outside of the institution. Chapter 7 addresses the key elements of successful communication, i.e., redundancy, multiple channels, clarity, and credibility. Finally, chapter 8 offers a summary of the book's conceptual themes and provides a list of the qualities that characterize successful decision making. Profiles of seven colleges and districts, and the survey instruments are appended. (JMC)

ED 328 295

JC 910 084

McKinnon, Norma M.

The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development.

Pub Date—Jan 91

Note—82p.; Ed.D. Practicum, Nova University.

Pub Type—Reports - Descriptive (141) — Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—College Faculty, Community Colleges, *Faculty Development, *Faculty Handbooks, Federal Aid, Inservice Teacher Education, Management Development, *Material Development, Organizational Objectives, *Professional Development, Sabbatical Leaves, Staff Development, Technical Institutes, Two Year Colleges, Workshops

Identifiers—Northern Maine Technical College, Title III Strengthening Institutions Program

In an effort to more effectively and efficiently administer Title III funds received for faculty, staff, and administrator development activities, the Northern Maine Technical College (NMTC) created a professional activities handbook for distribution to all college employees. This practicum report details the procedures undertaken in developing the handbook and includes a copy of the handbook itself. After chapter 1 provides a brief introduction to the project, chapter 2 offers a review of the literature on development activities, including issues of planning and evaluation, communication of program design, considerations for staff and part-time faculty, and handbook development strategies. Chapters 3 and 4 describe the handbook development process at NMTC (which included an analysis of the technical college system's travel guidelines, collective bargaining agreements, and a review of development handbooks from other colleges and universities), and its results. Chapter 5 concludes with a list of recommendations for developing the professional activities handbook. The handbook itself includes a cover letter for employees, and presents information on the mission, philosophy, and objectives of professional and personal development activities. It also

describes and diagrams the organizational structure for staff development; presents institutional policies, procedures, and guidelines for participating in development activities; and provides sample forms and activity reports. Development activities covered in the handbook include academic courses, national conventions, on- and off-campus workshops, college forums, faculty and faculty/industry exchanges, internships, certification/recertification, sabbaticals, and unpaid leaves of absence. (GFW)

ED 328 296 JC 910 085
Flaherty, Toni

Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.
Pub Date—31 Aug 89

Note—32p.; For the study of withdrawals between 1982 and 1986, see ED 295 718.

Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Persistence, Community Colleges, Courses, Dropout Research, *Dropouts, *Enrollment Influences, Questionnaires, Student Characteristics, Trend Analysis, Two Year Colleges, *Two Year College Students, *Withdrawal (Education)

Identifiers—William Rainey Harper College IL

A study was conducted at William Rainey Harper College (WRHC) to develop a profile of students who withdrew from courses between summer 1986 and spring 1988 and to compare this profile with the results of a 1982-1986 withdrawal study. For the past 4 years, each degree credit student who has officially withdrawn from a course has been asked to complete a survey form, indicating withdrawal status (i.e., withdrawing from one course only, from more than one course, or withdrawing from WRHC completely), whether a counselor had been consulted, the principal reason for withdrawal, the method of registration, and general comments. Between 1986 and 1988, 13.5% of the 153,000 course enrollments resulted in official withdrawals, representing a 0.5% decrease in withdrawals when compared to the study completed in 1986. An analysis of these withdrawals indicated the following: (1) one out of every five course withdrawals resulted in complete withdrawal from WRHC, though almost 75% of the students who withdrew completely planned to return to WRHC; (2) 30% of those withdrawing gave reasons completely beyond WRHC's control, and only 7% indicated WRHC as the primary cause for withdrawal; (3) the major reasons cited for withdrawals included personal, family or health problems, job pressures, inconvenient meeting times, too far behind/poor grades, and too heavy a course load; (4) withdrawals due to poor grades or falling behind in the course increased from 12% in 1986 to 16% in 1988; (5) summer semester students were less likely to withdraw when compared to students from the fall and spring semesters; and (6) 45% of the students withdrawing indicated that they never consulted a counselor. The bulk of the report is comprised of data tables. The survey instrument is appended. (GFW)

ED 328 297 JC 910 086

Wisner, Patricia Lucas, John A.

Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.
Pub Date—30 Aug 89

Note—19p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Allied Health Occupations Education, Community Colleges, *Dietetics, *Dietitians, *Educational Needs, Job Skills, Needs Assessment, Occupational Information, *Professional Continuing Education, *Professional Development, Program Development, Questionnaires, Tables (Data), Two Year Colleges

Identifiers—*Dietary Technicians, Illinois (Chicago)

In 1990, a survey was conducted by William Rainey Harper College (WRHC) to determine the continuing education needs of dietetic technicians in the Chicago area. The survey was mailed to 844 dietetic technicians, requesting information on their

awareness of and interest in WRHC's continuing education offerings in their field. Major findings of the survey, based on a 7.8% response rate, included the following: (1) 62% of the 66 respondents were familiar with WRHC's offerings for dietetic technicians, 49% had participated previously in at least one continuing education offering, and 9% had participated in more than six offerings; (2) 50% of the respondents preferred the scheduling of all-day seminars on Friday, while the preferred time for 2- to 4-hour seminars was Saturday morning; (3) the four continuing education topics that at least 30 respondents stated they would most like to see offered at WRHC were laboratory tests and nutritional implications, geriatric nutrition, weight reduction and diets, and nutritional assessment/screening; (4) 71% of the respondents were employed full-time, 12% were employed part-time, and 17% were unemployed; (5) among employed respondents, 40% worked in hospitals, and 36.5% worked in long-term care facilities; (6) 85% indicated that the Commission on Dietetic Registration and the Dietary Manager's Association should be the sole agencies approving WRHC's dietetic technician courses; and (7) job responsibilities most frequently mentioned by respondents were charting care plans, planning and correcting menus, and managing dietary staff. The survey instrument, cover letter, data tables, and selected narrative responses are included. (JMC)

ED 328 298 JC 910 087

Flaherty, Toni

Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 Nov 89
Note—33p.; For a related document, see ED 234 837.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, College Credits, Community Colleges, Continuing Education, Credit Courses, Enrollment Influences, Noncredit Courses, *Paying for College, Questionnaires, School Surveys, *Student Attitudes, *Student Characteristics, Student Educational Objectives, Two Year Colleges, *Two Year College Students

Identifiers—William Rainey Harper College IL

A study was conducted at William Rainey Harper College (WRHC) to develop a profile of fall 1988 students, compare student and community demographic data, and analyze the percentage of community sub-groups served by the college. A random sample of 500 degree credit students (DCS's) and 300 non-degree credit students (NCS's) were surveyed, representing 3.6% and 3% of the total degree credit and non-degree student populations respectively. Based on responses from 74% of the DCS's and 81% of the NCS's, combined with an analysis of 1980 census data, the study revealed the following: (1) 43% of the DCS's had taken college courses before attending WRHC, and 11% had a bachelor's degree; (2) the average student age was 27 years for DCS's and 39 years for NCS's, slightly higher than in 1986 and 1987; (3) 2.5% of the district population was enrolled as DCS's in fall 1988; (4) 68% of the DCS's and 88% of the NCS's indicated that they were employed full-time; (5) major reported sources of funding for college among the DCS's were the student's own money (48%), parental funds (20%), employer contributions (19%), and spouses (9%); (6) funding sources among NCS's included the student's money (71%), employer contributions (15%), spouses (10%), and parental funds (4%); (7) primary enrollment influences for DCS's were convenience, friends and relatives, ability to enroll in a specific program, low cost, and the desire to broaden their knowledge base; and (8) for NCS's, the primary enrollment influences were availability of specific programs, friends or relatives, convenience, the desire to broaden their knowledge base, and receipt of the semester schedule in the mail. The survey instrument and cover letter are appended. (GFW)

ED 328 299 JC 910 088

Lucas, John A. Hildebrandt, Sharrie

Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 Jan 90

Note—17p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Graduates, Community Colleges, Comparative Analysis, *Education Work Relationship, *Employment Patterns, Graduate Surveys, Job Satisfaction, *Law Related Education, *Legal Assistants, Longitudinal Studies, *Participant Satisfaction, Questionnaires, Telephone Surveys, Two Year Colleges, Vocational Followup

Identifiers—William Rainey Harper College IL

In order to provide information for the 1989-90 program review at William Rainey Harper College (WRHC) and to fulfill American Bar Association accreditation guidelines, a long-term, follow-up study was conducted of all Legal Tech program alumni who graduated between 1984 and 1988. A telephone survey generated usable responses from 106 (73%) of the 145 program graduates. Study findings, which were compared with results of the annual 1-year follow-up of Legal Tech graduates, included the following: (1) 35% of the respondents had continued their education elsewhere after graduation from WRHC; (2) 3 years after graduation, 58% of the graduates were employed in a law-related field, 27% were employed in a non-law-related field, and 15% were unemployed; (3) about 13% were in job situations contrary to preference; (4) after 1 year, 45% of the graduates were still working in the same job they held while enrolled at WRHC, and, after 3 years, 24% were still working in the same job; (5) after being away from WRHC for 3 years, 61% of the graduates still worked in the WRHC district or surrounding suburbs; (6) graduates working in law-related positions earned slightly more per year than those in positions not related to law (\$23,500 versus \$22,900); and (7) in response to open-ended questions about program areas needing improvement, the most frequently cited needs were for a better placement service, an internship program, and more hands-on experiences. A list of graduates' job titles and their employers, the survey instrument, and detailed data tables are included. (JMC)

ED 328 300 JC 910 089

Meltesen, Cal Lucas, John A.

Follow-Up Study of 1987 Harper Transfer Alumni.

Volume XVIII, No. 7.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—28 Feb 90

Note—68p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Alumni, *College Transfer Students, Community Colleges, Comparative Analysis, Education Work Relationship, *Employment Patterns, Followup Studies, *Outcomes of Education, *Participant Satisfaction, Questionnaires, Student Characteristics, Two Year Colleges, Two Year College Students, Vocational Followup

Identifiers—William Rainey Harper College IL

In an effort to evaluate how well William Rainey Harper College (WRHC) prepares its students to transfer into baccalaureate degree programs, a survey was conducted of all 841 transfer-oriented students who reached 48 or more semester hours during the 1986-87 academic year. Students were asked about their current status, their evaluation of WRHC, and their activity pattern while at Harper. Results were compared with previous years' study results. Study findings, based on a 75% response rate, included the following: (1) 39% of the respondents were employed full-time, a decrease of 2% from the 1985 group; (2) 74% were enrolled in college a year after leaving WRHC, compared to 63.5% of the 1985 group; (3) most students who transferred to senior institutions were business majors while at WRHC; (4) 34% of the respondents who did not get a degree at WRHC stated that they preferred to transfer to another college; (5) 19.7% of the respondents were still enrolled at WRHC, the highest percentage since 1979; (6) 14% of the respondents were employed as unskilled labor, a noticeable increase from previous years; (7) the average salary of alumni was \$20,765 per year; (8) 52.7% of the transferring alumni stated that all of their courses from WRHC were transferred to their four-year institutions; (9) 60% of the transfer stu-

dents earned a grade point average (GPA) of 3.0 or better at their four-year institutions; (10) as in previous years, the GPA's earned at four-year institutions were higher than those earned at Harper; and (11) most alumni considered WRHC very valuable as a stepping stone to a four-year college. Sample narrative responses to open-ended questions and the survey instrument are included. (GFW)

ED 328 301 JC 910 090

Dircher, J. Meltesen, Cal.

Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 May 90.

Note—36p.; For the follow-up of 1986 nursing graduates, see ED 295 723.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*College Graduates, *Comparative Analysis, *Education Work Relationship, *Employment Patterns, *Followup Studies, *Graduate Surveys, *Job Satisfaction, *Nurses, *Nursing Education, *Outcomes of Education, *Participant Satisfaction, *Program Evaluation, *Questionnaires, *Salaries, *Student Characteristics, *Two Year Colleges, *Two Year College Students, *Vocational Followup

Identifiers—William Rainey Harper College IL

In 1989, a follow-up study of nursing program graduates was conducted at William Rainey Harper College (WRHC) to examine their employment patterns, further education plans, and evaluate particular aspects of their WRHC experience. Questionnaires were mailed to 105 nursing students who graduated in 1988. Results were compared with previous surveys of 1984 and 1986 nursing program graduates. Study findings, based on a 73% response rate, included the following: (1) 46% of the respondents were employed full time and 39% were employed part time; (2) as in previous surveys, the nursing graduates felt they were well prepared in technical job skills and job knowledge, but did not feel well prepared with respect to job search skills and managerial skills; (3) the mean salary was just over \$24,500, up from the \$21,000 figure reported by 1986 graduates; (4) among those employed in nursing-related fields, 19% were working in medicine, 17% in surgery, 15% in pediatrics, 9% in obstetrics, and 8% in psychiatric care; (5) 75% were working in a hospital, while 16% were employed in an extended care facility or a doctor's office; (6) the median length of time in their present jobs was 7 months; (7) 3 out of every 4 respondents indicated that they were working the hours of their choice, with 36% working day shifts, 28% nights, 27% evenings, and 9% working a rotating shift; and (8) 5% were enrolled in college at the time of the survey, and 55% planned to return to college at some time. Detailed data tables are included. The survey instrument and cover letter are appended. (JMC)

ED 328 302 JC 910 091

Meltesen, Cal.

Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 Jun 90

Note—14p.; For a related document, see ED 309 805.

Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, *Academic Persistence, *Age, *College Transfer Students, *Community Colleges, *Degrees (Academic), *Females, *Full Time Students, *Grade Point Average, *Grading, *Longitudinal Studies, *Males, *Part Time Students, *Student Characteristics, *Tables (Data), *Trend Analysis, *Two Year Colleges, *Two Year College Students

Identifiers—William Rainey Harper College IL

A longitudinal study was conducted at William Rainey Harper College (WRHC) to observe the performance and achievements of students entering the college each fall from 1977 through 1988. Academic and personal data from transcripts were analyzed for randomly selected samples of 200 full- and 200 part-time students from each fall's entering class. Study findings included the following: (1) the implementation of a policy in 1974 allowing faculty to

give a grade of N rather than F to students who did not attend classes caused average GPA's to rise from 2.31 to 2.62 for full-time students and from 2.29 to 2.74 for part-time students; (2) full-time students entering WRHC after the age of 21 had GPA's 0.24 points higher than their younger counterparts, while part-time students over 35 achieved GPA's 0.87 points higher than part-time students under 21; (3) the average GPA of female students was 2.55, compared to 2.48 for males; (4) persistence rates remained fairly constant over the years, with approximately 66% of the first-time, full-time students returning the following fall; (5) part-time students attended WRHC for an average of 3.9 semesters and earned an average of 18 credit hours, while full-time students averaged 4.8 semesters and earned an average of 45 credit hours; (6) older students were more likely to drop out before graduation; (7) while 35% to 40% of the students attended another school before WRHC, only about 10% actually transferred credit hours to Harper; and (8) consistent with national trends, American College Testing program scores have been dropping over the years, although high school class rank has remained fairly constant. Longitudinal data tables are included. (JMC)

ED 328 303 JC 910 092

Lucas, John A.

UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—1 Jun 90

Note—17p.

Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Faculty, *Community Colleges, *Comparative Analysis, *Faculty College Relationship, *Faculty Integration, *Faculty Organizations, *Faculty Workload, *Higher Education, *Males, *National Norms, *National Surveys, *Participative Decision Making, *Tables (Data), *Teacher Attitudes, *Teaching Conditions, *Two Year Colleges, *Universities, *Women Faculty

Identifiers—*Cooperative Institutional Research Program, William Rainey Harper College IL

In 1990, William Rainey Harper College (WRHC) participated in the annual faculty survey conducted by the Higher Education Research Institute in California. Of WRHC's full-time faculty, 97 responded to the survey for a 50% response rate. Results from the survey were compared with those from two-year and four-year institutions nationwide. In addition, 10 questions were asked of the WRHC faculty only. Study findings included the following: (1) faculty attitudes toward the administration and working conditions were much better at WRHC than at other two- and four-year colleges; (2) male faculty at WRHC were of a higher rank, were more likely to be tenured, and earned a higher salary than female faculty at the college; (3) female faculty at WRHC spent fewer hours per week in scheduled teaching than other community college faculty, but more time in committee work and administrative activities than the national average; (4) the most prevalent sources of stress for Harper faculty were time pressures, lack of personal life, household responsibilities, and students; (5) in comparison with faculty at other institutions, Harper faculty were less interested in increasing the numbers of minorities on the faculty or in the student body, or in dealing with minority issues; (6) women faculty at Harper were much more likely to assign student presentations and use experiential learning approaches than male faculty; (7) the four most important professional goals of Harper full-time faculty were to be a good teacher, to be a good colleague, to engage in outside activities, and to become an authority in one's field; and (8) female faculty at Harper were more willing than males (78% versus 61%) to commit time to making shared governance work. Data tables and the survey instrument are included. (JMC)

ED 328 304 JC 910 093

Lucas, John A. Meltesen, Cal.

Follow-Up Study of 1988 Harper Career Alumni.

Volume XVIII, No. 11.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 Jun 90

Note—49p.; For the follow-up of 1986 career alumni, see ED 291 456.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Alumni, *College Graduates, *College Transfer Students, *Community Colleges, *Education Work Relationship, *Employment Patterns, *Followup Studies, *Graduate Surveys, *Outcomes of Education, *Participant Satisfaction, *Questionnaires, *Two Year Colleges, *Two Year College Students, *Vocational Education, *Vocational Followup

Identifiers—William Rainey Harper College IL

As part of an ongoing evaluation of the career programs at William Rainey Harper College (WRHC), a follow-up study of 1988 career alumni was conducted and results were compared with previous years. Questionnaires were sent to 517 students who earned 48 or more hours during the 1987-88 academic year at WRHC. Study findings, based on a 75% response rate, included the following: (1) as in the 1986 study, nursing and data processing were the two largest majors, involving 27% of the respondents; (2) 62.8% of the career alumni were employed full time; (3) 27% of the respondents were employed part time, the highest percentage in any of the WRHC studies; (4) 69% of the respondents had obtained a degree or certificate from WRHC; (5) 51% of those not obtaining a degree were still at Harper College, the highest percentage since the 1980 class; (6) 2% were unemployed and seeking employment, while 64% were employed in a field that was either closely related or identical to their major at WRHC; (7) 30% were working in health-related fields, while 10% were in clerical or office-related jobs; (8) of those not employed in their field of study, 15% said they could not find a job in their field and 38% were in transition at a temporary job; (9) over 80% of the services and programs offered by WRHC received an improved alumni rating over previous years; and (10) the mean salary of those career alumni working full-time was \$24,034, an increase of 21% over the prior study. Detailed findings and the survey instrument are included. (GFW)

ED 328 305 JC 910 094

Lucas, John A. And Others

Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—28 Sep 90

Note—27p.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Community Colleges, *Community Surveys, *Continuing Education, *Educational Demand, *Employer Attitudes, *Employment Projections, *Enrollment Projections, *Feasibility Studies, *Food Service, *Hospitality Occupations, *Hotels, *Needs Assessment, *Program Development, *Questionnaires, *Salaries, *Two Year Colleges, *Vocational Education

Identifiers—William Rainey Harper College IL

In spring 1990, a study was conducted at William Rainey Harper College (WRHC) to determine the feasibility of adding a career program in Hotel/Motel Management (HMM) to the current Food Service Program. Surveys were sent to 53 hotels and motels in the WRHC service area to determine employment demands that would affect the hiring of graduates of the proposed program over the next 5 years, as well as to assess the interest among current employees in obtaining further specialized training. Study findings, based on a 55% response rate, included the following: (1) in any one semester, current employee demand would bring an additional 39 new full-time students, 105 new part-time students, and 81 new full-time equivalent students to WRHC, more than doubling current enrollment in the Food Service Program; (2) the starting salaries for graduates of the proposed program was estimated at \$19,000 annually, which is less than the \$24,000 average salary of other career graduates of WRHC; (3) given the starting salary differential between programs, actual HMM program enrollments might be lower than numbers projected from the current employee demand; (4) the 29 respondents indicated that they could place 46 students per year in internship positions; (5) course scheduling preferences were for weeknights; (6) course preferences included Front Office Procedures, Spanish, and marketing classes; and (7) about half of the responding organizations indicated that they would provide

some type of tuition reimbursement. Data tables, the survey instrument, cover letter, and course lists are included. (GFW)

ED 328 306 JC 910 095

Holt, Marianne. Lucas, John A.
Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—28 Sep 90

Note—22p; For the 1988 follow-up of dental hygiene graduates, see ED 309 811.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Allied Health Occupations Education, *College Graduates, Community Colleges, *Dental Hygienists, Graduate Surveys, Job Satisfaction, Job Search Methods, Job Skills, *Outcomes of Education, *Participant Satisfaction, Program Evaluation, Questionnaires, Salaries, *Student Attitudes, Two Year Colleges, Vocational Education, Vocational Followup

Identifiers—William Rainey Harper College IL

In a continuing effort to measure the quality of their Dental Hygiene program, explore the need for changes, and substantiate the program's goals for accreditation standards, a follow-up study was conducted of the 1989 Dental Hygiene program graduates from William Rainey Harper College (WRHC). A survey was mailed to all 29 associate degree graduates, requesting information on their current employment and/or enrollment in school, employment search experience, salary/benefits, job satisfaction, job tasks, the quality of their WRHC preparation for those tasks, and suggestions for improving the WRHC program. Study findings, based on an 86% response rate, included the following: (1) all of the 25 respondents were employed in the dental hygiene field, with 16 working full time; (2) 46% of the respondents were working in a job setting with only one practitioner, while 54% worked with more than one practitioner; (3) respondents' search for employment typically involved 2.5 interviews, with 32% using the local newspaper and 68% using a personal contact; (4) 80% of the graduates were paid on an hourly basis, with a median wage of \$16.75 per hour, or approximately \$34,000 per year, up 10% from 1988 graduates; (5) 72% of the respondents were very satisfied with their chosen profession; (6) respondents reported being underprepared to perform 5 of the 34 skills for which they were trained, but in all cases the skill was seldom performed; and (7) while only three graduates were currently working toward an advanced degree, 50% declared intentions to do so. Detailed data tables and the survey instrument are included. (GFW)

ED 328 307 JC 910 096

Lucas, John A. Meltesen, Cal
Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3.

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—24 Oct 90

Note—56p.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Alumni, College Graduates, *College Outcomes Assessment, *College Transfer Students, Community Colleges, Comparative Analysis, *Dropouts, Educational Attainment, Education Work Relationship, Employment Patterns, Graduate Surveys, Longitudinal Studies, *Outcomes of Education, Participant Satisfaction, Stopouts, Two Year Colleges, Vocational Education, Vocational Followup

In 1989, a follow-up study was conducted at William Rainey Harper College (WRHC) of alumni and dropouts 6 to 7 years after they had left WRHC. The study sought to provide a general assessment of the long-term impact of WRHC on its students. The target population was composed of all 1981 and 1983 transfer alumni, all 1982 career alumni, and a sample of dropouts from the 1981 school year. Alumni were defined as students who had accumulated 48 or more hours before leaving WRHC, while dropouts were defined as those who left WRHC before accumulating 48 hours. From the target population of 2,645 students, 746 responses were obtained for a 28% response rate. Study findings included the following: (1) 31% of the 1982 career

alumni were employed in medical fields, a 10.5% increase over the 1977-78 cohort studied previously; (2) unemployment was very low for all groups, averaging 1.2% or lower; (3) 77% of the transfer alumni, 73% of the career alumni, and 15% of the dropouts eventually attained an associate degree at Harper; (4) stopouts maintained high-level jobs and earned an average annual salary of \$32,300; (5) since leaving WRHC, 80% of the transfer alumni, 50% of the career alumni, and 10% of the dropouts had attended another college; (6) transfer alumni were successful in transferring 91% of their courses to four-year institutions; and (7) in ratings of help received at WRHC, managerial skills received the lowest ratings, while increased self-confidence was rated highest by all groups. Data tables, sample narrative responses, and the survey instrument and cover letter are included. (JMC)

ED 328 308 JC 910 097

Meltesen, Cal Lucas, John A.
Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 Nov 90

Note—33p; For previous years' studies, see JC 910 087 and ED 234 837.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, College Credits, Community Colleges, Comparative Analysis, Continuing Education, Credit Courses, Enrollment Influences, *Paying for College, Questionnaires, School Surveys, *Student Attitudes, *Student Characteristics, Student Educational Objectives, Two Year Colleges, *Two Year College Students

Identifiers—William Rainey Harper College IL

A study was conducted at William Rainey Harper College (WRHC) to develop a profile of fall 1989 students, compare student and community demographic data, and analyze the percentage of community sub-groups served by the college. A random sample of 500 degree credit students (DCS's) and 300 non-degree credit students (NCS's) were surveyed, representing 3.5% and 2.9% of the total degree credit and non-credit student populations, respectively. Based on responses from 75.2% of the DCS's and 77.3% of the NCS's, combined with an analysis of 1980 census data, the study revealed the following: (1) 44% of the DCS's and 78% of the NCS's had some previous college experience before attending Harper; (2) 12% of the DCS's and 49% of the NCS's had a bachelor's degree before attending Harper; (3) 79% of the DCS's and 84% of the NCS's were employed full-time; (4) funding sources reported by DCS's included the student's own money (47%), parental funds (25%), spouses (12%), and employer contributions (11%); (5) funding sources reported by NCS's included the student's own money (63%), spouses (13%), employer contributions (11%), and parental funds (5%); (6) among DCS's, reported goals upon leaving Harper included transfer to a four-year institution (47%), getting a full-time job (13%), and remaining at the same job (11%); and (8) primary enrollment influences for DCS's included parents, friends or relatives, and the physical presence of the campus, while for NCS's, receipt of the semester schedule in the mail was a major influence. The survey instrument, cover letter, and data tables are included. (GFW)

ED 328 309 JC 910 098

Lucas, John A. Meltesen, Cal
Study of Students Who Withdraw from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—15 Jan 91

Note—36p; For previous studies of student withdrawals, see JC 910 085 and ED 295 718.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Persistence, Community Colleges, Comparative Analysis, Courses, Dropout Research, *Dropouts, *Enrollment Influences, Participant Satisfaction, Questionnaires, Student Attitudes, Student Characteristics, Trend Analysis, Two Year Colleges, *Two Year College Students, *Withdrawal (Education)

Identifiers—William Rainey Harper College IL

A study was conducted at William Rainey Harper College (WRHC) to develop a profile of students who withdrew from courses between 1988 and 1990 and to compare this profile with the results of a 1986-88 withdrawal study. For the 2-year period studied, each degree credit student who officially withdrew from a course was asked to complete a survey form, indicating withdrawal status, whether a counselor had been consulted, principal reason for withdrawal, method of registration, and general comments. Between 1988 and 1990, 13.8% of the 162,000 course enrollments resulted in official withdrawals, representing a 0.3% increase in withdrawals over the 1988 cohort. An analysis of these withdrawals indicated the following: (1) one out of every five course withdrawals resulted in complete withdrawal from WRHC, although nearly 75% of the students who withdrew planned to return to WRHC one day; (2) nearly 30% of those withdrawing gave reasons completely beyond WRHC's control, and only 8% indicated WRHC as the primary cause for withdrawal; (3) the major reasons cited for withdrawals included personal, family, or health problems, too far behind/poor grades, inconvenient meeting times, or job pressures; (4) there continued to be a lower percentage of withdrawals during the summer semester than during the spring and fall semesters (10% versus 14%); (5) during the previous 2 years, 44% of the students withdrawing had never consulted a counselor; and (6) overall, younger students continued to have a higher withdrawal rate (17.9%) than students over the age of 25 (8.9%). Sample narrative responses and the survey instrument are included. (JMC)

ED 328 310 JC 910 099

Lucas, John A. Normann, R. M.
Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7.
William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Pub Date—14 Feb 91

Note—15p.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Associate Degrees, College Planning, Community Colleges, Community Surveys, Curriculum Development, *Educational Demand, Education Work Relationship, *Employer Attitudes, Employment Patterns, Feasibility Studies, *Insurance Companies, Needs Assessment, Program Development, Questionnaires, *School Business Relationship, Two Year Colleges, Vocational Education

In 1990, a study was conducted at William Rainey Harper College (WRHC) to determine the feasibility of establishing an insurance program at the college and to assess local employment demand for insurance personnel. The survey instrument and a proposed curriculum for an associate degree program were mailed to 144 area insurance companies and agencies. Responses were received from 44 companies and agencies for a 31% response rate. Non-respondents were assumed to have no interest in the program, and employment demand was therefore calculated solely on the responses received. Major findings of the study included the following: (1) responses indicated that the proposed program could enroll as many as 56 full-time equivalent students per semester; (2) the annual salaries offered to associate degree graduates would be lower (\$19,300) than the average for all other career graduates at WRHC (\$24,000); (3) for 75% of the students currently employed by insurance companies/agencies, there would be a generous program of tuition reimbursement, with 75% of the firms offering employees full tuition rebates; (4) respondents expressed an interest in the development of a continuing education series of non-credit seminars and workshops; (5) the preferred topic for workshops was "industry issues," though over half of the respondents were also interested in "future trends" and "current events"; and (6) respondents suggested 11 individuals to serve as part-time faculty for the proposed program. Data tables, the survey instrument and cover letter, and the proposed curriculum are included. (JMC)

ED 328 311 JC 910 100

Databook and Annual Report: Maryland Community Colleges.
Maryland State Board for Community Colleges, Annapolis.

Pub Date—Jan 91

Note—151p; For the 1990 report, see ED 315 136.

Pub Type—Numerical/Quantitative Data (110)
EDRS Price—MF01/PC07 Plus Postage.

Descriptors—Academic Achievement, Annual Reports, *Community Colleges, Degrees (Academic), Demography, Educational Certificates, Educational Facilities, *Educational Finance, Educational Trends, Enrollment, *Enrollment Trends, Expenditures, Governing Boards, Income, *Institutional Characteristics, School Personnel, State Surveys, Student Financial Aid, Tables (Data), Two Year Colleges, Two Year College Students

Identifiers—*Maryland

Designed to provide information about the current status and future direction of Maryland's community college system, this report offers a summary and overview of all aspects of community college functions in the state. Section I provides a general overview of higher education in Maryland, presenting the structure of higher education in the state, an organizational chart of the state board for community colleges, total undergraduate credit enrollments for fall 1988 and 1989 by county, and total undergraduate credit enrollments by type of institution for fall 1986 through fall 1990. Section II focuses on fall 1990 enrollments, examining credit enrollment by transfer and occupational program areas, credit enrollment by student status, enrollment by race, credit enrollment trends from fall 1986 through fall 1990, state-funded full-time equivalent (FTE) enrollments for fiscal years 1986 to 1990, and registrations in state-funded continuing education courses. Section III offers information on student financial assistance, summarizing the number of awards, total funds, and average awards. Section IV focuses on degrees and certificates awarded in fiscal years 1986 to 1990, while section V looks at revenues and expenditures, including expenditure trends for fiscal years 1987 to 1991, current unrestricted revenues, sources of support, and net cost per FTE student for fiscal years 1986 to 1991. Section VI presents data on the salaries and characteristics of college administrators and instructional personnel; section VII presents information on the physical facilities of the colleges. Finally, section VIII presents performance profiles for career and transfer credit students, including employer evaluations of programs, and data on student pass rates for licensing exams. Extensive data tables and graphs are included. (JMC)

ED 328 312 JC 910 101

Clagett, Craig A.

County Support for Community Colleges: A Peer

Expenditure Analysis. Planning Brief PB91-9.

Prince George's Community Coll., Largo, MD. Of-

fice of Institutional Research and Analysis.

Pub Date—Feb 91

Note—11p.

Pub Type—Reports—Evaluative (142)—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Community Colleges, Community Support, Cost Effectiveness, *Educational Finance, Expenditure per Student, *Financial Support, Full Time Equivalency, Instructional Student Costs, Local Government, *School Funds, *School Support, *Tax Allocation, Tuition, Two Year Colleges

Identifiers—*Maryland

Maryland community colleges receive financial support from both the state and their local jurisdiction, as well as from student charges and other income from operations and investments. The proportion of local aid varies considerably across jurisdictions. A study was conducted at Prince George's Community College (PGCC) to measure local support for the college, as well as to examine the different methods of assessing county contributions to community colleges. The study compared the financial support provided by five counties in Maryland (Prince George's, Anne Arundel, Baltimore, Howard, and Montgomery) to their community colleges. Data were obtained from the Maryland Department of Fiscal Services and from the State Board for Community Colleges. Study findings included the following: (1) examining the share of county general fund expenditures, and the share of total county expenditures from all revenue sources, Prince George's county ranked lowest among all five counties in dollar support per full-time equivalent (FTE) student for each year from 1985 to 1989; (2) for fiscal year (FY) 1989, PGCC received \$842 per FTE, while Montgomery County colleges received \$2,518 per FTE; (3) when the real property assessable tax base was used to

adjust for differences in county wealth and ability to support local colleges, Prince George's County continued to provide a lower level of support than its peers; and (4) an examination of tuition and fees, and college expenditures-per-student revealed that PGCC was the most cost efficient of the counties, but charged the highest tuition in order to cover its costs. Detailed data tables are included. (GFW)

ED 328 313

Abood, Nancy V. And Others

Community College of Rhode Island: Annual Re-

port, 1989-90.

Community Coll. of Rhode Island, Warwick.

Pub Date—90

Note—40p.; For a 25-year history of Community

College of Rhode Island, see ED 311 992.

Pub Type—Reports—Descriptive (141)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*College Faculty, College Graduates, College Programs, Community Colleges, *Educational Finance, *Educational Trends, *Enrollment Trends, Extracurricular Activities, *Institutional Characteristics, Multicampus Colleges, School Personnel, Student Characteristics, Two Year Colleges, *Two Year College Students

Identifiers—*Community College of Rhode Island

A narrative account of the achievements of the Community College of Rhode Island (CCRI) during the 1989-90 academic year is presented in this annual report, along with historical and current data on enrollments, programs, staff, and finances. Following an essay by the college president, Edward J. Liston, on the highlights of the past year, a discussion is provided of: (1) the establishment of a new permanent campus in Providence; (2) 1989-90 enrollments; (3) program highlights, including the 2 + 2 Tech-Prep Associate Degree Program, the Cooperative Education Program, the Center for Business and Industrial Training, the Honors Program, the Minority Mentor Program, community service programs, and the college's grant programs; (4) the special achievements and activities of faculty and staff members; (5) student activities, including study abroad, participation in the Annual Black Ships Festival, the establishment of a planning and advisory panel on student life, the "Tuesday Talks" lecture series, athletics and intercollegiate sports, the Athletic Hall of Fame, and community recreation programs; and (6) facility use by community organizations. The remainder of the report provides longitudinal data on changes in student characteristics (i.e., sex, age, race, and residency) between 1985-86 and 1989-90; fall enrollments from 1976 to 1989; characteristics and goals of 1989 incoming students; full- and part-time enrollments between 1985-86 and 1989-90; off-campus credit enrollments by site; follow-up data on 1988 and 1989 graduates; CCRI transfers to other Rhode Island colleges; non-credit enrollments between 1985-86 and 1989-90; enrollment and graduates by program of study between 1985-86 and 1989-90; faculty characteristics and rank; staff characteristics; tuition and fees between 1970-71 and 1990-91; general education revenues and expenditures between 1976-77 and 1989-90; and student financial aid between 1986-87 and 1988-89. Finally, a brief description of the CCRI Foundation is provided, along with a list of the foundation's officers and trustees. (GFW)

ED 328 314

Report on Career Placement and External Trans-

fer of 1989 Graduates.

Community Coll. of Rhode Island, Warwick.

Pub Date—[91]

Note—53p.

Pub Type—Reports—Evaluative (142)—Numerical/Quantitative Data (110)—Tests/Questionnaires (160)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—*College Graduates, College Transfer Students, Community Colleges, *Education Work Relationship, *Employment Patterns, Graduate Surveys, *Outcomes of Education, Questionnaires, *Salaries, Two Year Colleges, Vocational Education, Vocational Followup

In 1990, a study was conducted of graduates of the Community College of Rhode Island (CCRI) to determine their educational and career pursuits after leaving CCRI. Survey responses were obtained from 975 of the 1,213 CCRI graduates from 1989, constituting an 80% response rate. Study findings for the class as a whole indicated that of the 975 respondents, 47.1% were employed full time, 13.0% were employed full time and attending school part time, 8.2% were employed part time, 2.5% were un-

available for employment, 2.3% were unemployed and looking for employment, 14.9% were attending school full time, and 12.1% were full-time students and working part time. This report of survey results is divided into separate sections for each of CCRI's 24 programs and program areas. For each program, data are provided on the numbers and percentages of students responding to the survey and in each employment and educational category. In addition, data are provided on the average annual salary of employed graduates for each program, the salary range, the names of the organizations employing the graduates, the graduates' job titles, and the educational institutions and academic majors of graduates who were continuing their education full time. A diagram of CCRI programs and concentrations; the survey instrument; tables comparing 1987, 1988, and 1989 graduates' employment status and educational institution of transfer; and bar graphs summarizing the data for selected programs are appended. (GFW)

ED 328 315

Shaffer, Richard A.

General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan.

Cuesta Coll., San Luis Obispo, Calif.

Pub Date—Jun 90

Note—80p.

Pub Type—Reports—Research (143)—Tests/Questionnaires (160)—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC04 Plus Postage.

Descriptors—Access to Education, *College Role, *Community Attitudes, *Community Characteristics, Community Colleges, Educational Attitudes, Educational Quality, *Enrollment Influences, Institutional Evaluation, Needs Assessment, Questionnaires, *School Community Relationship, Telephone Surveys, Two Year Colleges

Identifiers—Cuesta College CA

In 1990, a needs assessment survey was conducted of residents of San Luis Obispo County to gather information regarding community members' experiences with Cuesta College (CC), opinions about what CC should be doing, assessment of how good a job the college is doing, and obstacles preventing people from attending CC. Study findings, based on telephone interviews with 769 adult county residents, included the following: (1) over 90% of the respondents were able to identify CC as the local community college; (2) nearly 60% had attended a community college, and, of these, 53% had attended CC; (3) over 15% said that they planned to attend CC in the next 12 months; (4) 47.3% of the respondents indicated that an important obstacle to attending CC was that the campus was not conveniently located for them, 43% said that the college did not offer what they needed, 39.4% mentioned job conflicts, and 33.8% indicated that they needed a more advanced degree; (5) while 87% of the respondents indicated that it was "very important" for CC to provide education and training which help people get jobs, only 18% of the respondents felt that CC was doing an "excellent" job in fulfilling this function; and (6) 43% of the respondents indicated that they or their family had taken part in non-class activities at CC, including theatrical events and concerts. A question-by-question breakdown of survey results and the interview schedule are appended. (JMC)

ED 328 316

Belcher, Marcia J.

Factors That Affect Success in Nursing. Research

Report No. 89-28R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—Dec 89

Note—36p.

Pub Type—Reports—Research (143)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Basic Skills, *College Preparation, Community Colleges, Enrollment Trends, Grade Point Average, *Grade Prediction, *High Risk Students, Licensing Examinations (Professions), *Nursing Education, Predictor Variables, *Reading Skills, Two Year Colleges, Two Year College Students

In response to decreasing nursing program enrollments, less qualified enrollees, and decreasing scores on the national licensing board exams, a study was conducted at Miami-Dade Community College (MDCC) to examine factors that might

contribute to success or failure among students entering the nursing program. In order to identify "high risk" students needing additional support, the study examined a number of program-entry variables, including preparatory courses taken, performance on prerequisite science courses, and scores on basic skills tests. Students were classified as having adequate preparation, having marginal preparation, or being in need of preparatory college work (CPW). Preprogram variables were then compared with such indicators of academic achievement as grades in the first core nursing course, first-semester grade point average (GPA), and status in the program after 2 years. Study findings included the following: (1) 53% of the students with adequate basic reading skills received grades of A or B in the nursing core course, while only 19% of those needing CPW performed as well; (2) 90% of the students with adequate reading basic skills obtained a 2.0 GPA or better, while only 65% of the CPW students had a 2.0 or better; (3) 50% of the students who had three or more repeats of prerequisite science courses earned a GPA of less than 2.0; and (4) the best predictor of first-term GPA was a combination of reading basic skills and the number of repeats in prerequisite science courses. Graphs, pie-charts, and detailed data tables are included. (GFW)

ED 328 317 JC 910 108

Belcher, Marcia J. Downing, Sherry

Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—Feb 90

Note—14p.

Pub Type—Reports—Evaluative (142)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Basic Skills, *College Bound Students, *College Freshmen, *College Preparation, Community Colleges, Comparative Analysis, High School Graduates, High Schools, *Minimum Competency Testing, Outcomes of Education, Private Schools, Public Schools, Standardized Tests, Student Placement, *Test Score Decline, Two Year Colleges, Two Year College Students

Identifiers—Dade County Public Schools FL, Miami-Dade Community College FL

A recent study of Dade County Public School (DCPS) graduates attending Miami-Dade Community College (M-DCC) revealed that 64% of those who graduated high school in 1989 had failed one or more of the basic skills sub-tests of the Florida Multiple Assessment Programs and Services test (FL-MAPS). Another study was conducted in 1989 to determine the percentage of recent high school graduates with basic skills deficiencies as measured FL-MAPS and all other placement tests, to compare the placement test performance of public and private school students over time, and to assess the performance of students who received the General Equivalency Diploma (GED). The 1989 study focused on students who enrolled at M-DCC in fall 1989 and had graduated from high school between September 1988 and August 1989. For 95% of the study population, test scores were available on at least one of the following: the Scholastic Aptitude Test; the American College Testing program test; the English Placement Test; and the FL-MAPS. Study highlights include the following: (1) DCPS graduates experienced a 58% failure rate as compared to 44% of Dade County private school graduates; (2) students who did not graduate from a Dade County public or private school, including GED recipients and foreign students, experienced a 70% failure rate; (3) pass rates were similar for out-of-state high school graduates and DCPS graduates; and (4) including scores from all available test instruments reduced the overall test failure rate of recent high school graduates attending M-DCC from 64% just using the F-MAPS to 58%. Data tables are included. (GFW)

ED 328 318 JC 910 109

Belcher, Marcia J.

Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—Apr 90

Note—105p.; Several tables contain small print and may reproduce poorly.

Pub Type—Reports—Research (143)—Numerical/Quantitative Data (110)

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cal/Quantitative Data (110)

EDRS Price—MF01/PC05 Plus Postage.

Descriptors—Age, Black Students, College Credits, Community Colleges, Credit Courses, *Declining Enrollment, Degrees (Academic), *Enrollment, Enrollment Rate, *Enrollment Trends, Females, Full Time Equivalency, Full Time Students, Hispanic Americans, Longitudinal Studies, Majors (Students), Males, *Minority Groups, Multicampus Colleges, Noncredit Courses, Part Time Students, *Student Characteristics, Two Year Colleges, *Two Year College Students, White Students

Identifiers—Miami Dade Community College FL

This enrollment summary provides college-wide and campus-specific student data for Miami-Dade Community College (MDCC) for fall 1989. The following variables are considered: credit/non-credit enrollment status, semester credits generated, credit load, ethnicity, gender, degree types, full-/part-time status, age, native language, citizenship status, and residency. Trends and enrollment patterns are highlighted in 2- and 5-year summaries. Among the college-wide trends noted in this profile are the following: (1) total student headcount increased by 19% over the past 5 years, reaching an all-time high of 49,145 students in fall 1989 and making MDCC the largest multi-campus two-year college in the country; (2) the largest enrollment category increase in fall 1989 was among students continuing from a previous semester; (3) increases were found among the numbers of students intending to receive an associate of arts degree, foreign nationals, women, and students over the age of 25; (4) the total non-credit student headcount for fall 1989 declined by 2% from fall 1988; (5) the median age for students was 24 years for part-time students, and 20 years for full-timers; (6) 57% of new freshman students were Hispanic; (7) 55% of all students were native English speakers; (8) 25% of all students were foreign nationals; (9) new freshmen took the most credits, averaging 10.5 credits in fall 1989; and (10) 85% of the new freshmen indicated an intent to transfer. (PAA)

ED 328 319 JC 910 110

Morris, Cathy Belcher, Marcia J.

What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—May 90

Note—17p.

Pub Type—Reports—Research (143)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Achievement Tests, Basic Skills, Community Colleges, *Enrollment Trends, High Risk Students, *Institutional Characteristics, Institutional Evaluation, Minority Groups, *Predictor Variables, Remedial Programs, School Size, *Scores, Standardized Tests, Two Year Colleges, *Two Year College Students

Identifiers—*College Level Academic Skills Test

In 1990, a study was conducted at Florida's Miami-Dade Community College (MDCC) to identify institutional factors that predict pass rates on the College-Level Academic Skills Test (CLAST). Statewide results of the October 1989 administration of the CLAST were used for the study, including the scores of all students who indicated that they had completed 60 or more credits toward the associate degree and who were writing the test for the first time. The percentage of students passing all four subtests of the CLAST was recorded for each community college in the state. The study assessed the validity of the following institutional characteristics as predictors of CLAST pass rates: minority enrollment, the percentage of entering students with below college-level basic skills, student attrition before the CLAST, and institutional size. Findings indicated the following: (1) pass rates ranged from a low of 46% at MDCC to 83% at Indian River, one of the small colleges; (2) the combined average pass rate for the state's community colleges was 69%; (3) among the colleges, MDCC had the largest minority enrollment (73%), the largest percentage of students requiring basic skills remediation (65%), and the highest proportion of remedial to college-level enrollments; and (4) for the colleges as a whole, low CLAST pass rates were positively correlated with high minority enrollments and a high proportion of remedial to college-level enrollments. Based on the study finding that percentage of minority students was a more significant predictor of an institution's CLAST pass rate than either the basic skills level of

entering students or the percentage of students being screened out before taking the CLAST, it was concluded that state funding for special instructional support for minority students be allocated on the basis of the number and percentage of minority students at an institution. (GFW)

ED 328 320 JC 910 111

Morris, Cathy Patterson, Carol

Analysis of Enrollment Growth, 1985 to 1989.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-90-14R

Pub Date—Jun 90

Note—20p.

Pub Type—Reports—Evaluative (142)—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Age, Black Students, *College Freshmen, Community Colleges, Educational Change, *Enrollment Trends, Hispanic Americans, Immigrants, *Minority Groups, Multicampus Districts, Racial Composition, *Student Characteristics, Two Year Colleges, *Two Year College Students

Identifiers—Miami Dade Community College FL

Fall 1985 and fall 1989 enrollments at Miami-Dade Community College (M-DCC) are compared in this report, highlighting changes in ethnic composition, native language, degree declarations, credits earned, age, credit load, immigration status for the student body as a whole, and for new students. Highlighted findings include the following: (1) between fall 1985 and fall 1989, credit enrollments increased by 19.1%, from 41,269 to 49,145 students; (2) Black enrollments showed the largest percentage growth, 28.2% (N=1,787) during this period, while Hispanic enrollments showed the largest student growth, an increase of 25.7% (N=5,520), and White enrollments increased by 3.1% (N=389); (3) in spite of the large increase in Hispanic enrollments, the number of students claiming English as their native language increased by 25.5%, while native Spanish speakers increased by only 17.3%; (4) there were disproportionately large increases in numbers of continuing students (+21.7%), students with more than 60 earned credits (+37.0%), and students declaring an associate in arts degree major (+28.6%); (5) in both overall enrollments and among new students, there has been a larger increase in full-time students than part-timers; (6) a 22.4% increase in 21- to 30-year olds, a 30.3% increase in 31- to 50-year olds, and a decrease of 11.7% in the "over 50" age group left the average student age constant at 25.7 years old; and (13) examination of Immigration status revealed that most of the growth came from U.S. Citizens or Resident Aliens. Data tables and bar graphs are included. (GFW)

ED 328 321 JC 910 112

Einpspruch, Eric Downing, Sherry

Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-90-15R

Pub Date—Jun 90

Note—12p.

Pub Type—Reports—Evaluative (142)—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Academic Ability, *Academic Aptitude, *Basic Skills, *College Entrance Examinations, Community Colleges, English (Second Language), Language Proficiency, Mathematics Tests, Minority Groups, Multicampus Districts, Reading Tests, Scores, *Standardized Tests, Testing Programs, Two Year Colleges, *Two Year College Students, Writing Tests

Identifiers—Miami Dade Community College FL

A study was conducted of the entry-level basic skills performance of all credit students enrolled at Miami-Dade Community College (M-DCC) in fall 1989. The study examined demographic data and scores on the Comparative Guidance and Placement (CGP) Program Test, American College Testing (ACT) program exam, Scholastic Aptitude Test (SAT), Florida Multiple Assessment Programs and Services Test (FL-MAPS), and English Placement Test (EPT). Findings included the following: (1) of the 49,145 students enrolled in fall 1989, 42,970 (87%) had written at least one subtest of the SAT, ACT, FL-MAPS, or CGP; (2) of the 35,673 students who had written all three subtests of one of these tests, 60% did not pass at least one subtest; (3) 5,892

(96%) of the 6,124 students who wrote the EPT failed it and were required to begin English-as-a-Second-Language courses; (4) 65% (N=27,156) of the entire cohort were required to enroll in courses below the college level; (5) of students who had written either the CGP, ACT, SAT, or FL-MAPS, 68% passed the reading subtest, 70% passed the writing subtest, and 59% passed the mathematics subtest; (6) on the reading and writing subtests, White non-Hispanics had the highest pass rates, followed by Hispanics and then Black non-Hispanics, while on the mathematics subtest, White non-Hispanics and Hispanics both had 60% pass rates and Blacks a 51% pass rate; and (7) the majority of students taking the EPT exam were Hispanic. (GFW)

ED 328 322 JC 910 113

Belcher, Marcia J.

Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—Jul 90

Note—24p.

Pub Type—Reports - Evaluative (142) - Numerical/Quantitative Data (110) - Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Child Caregivers, College Planning, Community Colleges, *Day Care, *Day Care Centers, *Employee Attitudes, *Employer Supported Day Care, Needs Assessment, *Parent Attitudes, Questionnaires, School Surveys, Student Attitudes, *Student Needs, Tables (Data), Two Year Colleges

Identifiers—Miami Dade Community College FL. In 1990, Miami-Dade Community College's (M-DCC's) Task Force on Child Care conducted a college-wide survey of all faculty, staff, and administrators and a sample of students to assess the need for and interest in on-site child care at M-DCC. Among full-time employees, 722 surveys were collected for a 30% response rate. Students comprised 72% of the total study population with 1,860 responses. Study findings included the following: (1) over half of the staff and 20% of the students had children under 12 years of age; (2) the demand for child care was expected to increase from the current 27% rate to 39%; (3) 81.6% of those with children under 12 indicated that they would use a child care facility at M-DCC; (4) the most common child care arrangement, cited by 30% of the respondents, was the use of child care centers; (5) 81.5% of the respondents were at least somewhat satisfied with their current child care arrangements, although 56.4% had changed their arrangements at least once within the past year; (6) 56% of the respondents with children under 12 indicated they had missed work or class because of the lack of child care; (7) 48% of those interested in campus child care favored a full-day program, and 81.9% would need a program that operates Monday through Friday; and (8) 58.4% of the respondents paid less than \$50 per week for child care. Data tables and the survey instrument are included. (JMC)

ED 328 323 JC 910 114

Einsprach, Eric

Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-90-21R

Pub Date—Sep 90

Note—23p.

Pub Type—Reports - Evaluative (142) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Aptitude, Basic Skills, Black Students, *College Entrance Examinations, *College Freshmen, Community Colleges, Hispanic Americans, Mathematics Tests, Minimum Competencies, Minority Groups, Multicampus Districts, Reading Tests, Standardized Tests, *Student Placement, Two Year Colleges, *Two Year College Students, Writing Tests

Identifiers—Miami Dade Community College FL. In September 1990, a study was conducted of the performance on basic skills examinations of first-time-in-college degree-seeking students who entered Miami-Dade Community College (M-DCC) during fall term 1990. The study examined placement results on the Computerized Placement

Test (CPT) and the Florida Multiple Assessment Programs and Services test (FL-MAPS) between 1980 and 1990. Study findings included the following: (1) 6,027 first-time-in-college degree-seeking students wrote either the FL-MAPS or the CPT during fall 1990; (2) the failure rate for the reading subtest has remained at approximately 40% since 1985; (3) the percentage of students failing the test of standard English showed a steady decrease from 42.8% in 1983 to 34% in 1989, but increased to 36.7% in fall 1990; (4) the percentage of students failing the elementary algebra subtest remained at approximately 48% between 1987 and 1989, but went up to 52.4% in fall 1990; (5) the percentage of students failing one or more subtests has essentially remained stable over the last 11 years, but jumped slightly to 69.9% in fall 1990; and (6) among White non-Hispanics, 37.5% of the students passed all three subtests (i.e., reading, English, and math) in 1990, compared to 50.2% in 1980, while the pass-all-three rate for Black non-Hispanics increased from 11.2% to 18.4% during this period. A memo outlining placement criteria for academic year 1990-91 is included. (GFW)

ED 328 324 JC 910 115

Belcher, Marcia J. Patterson, Carol

Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee?

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-90-24R

Pub Date—Nov 90

Note—27p.

Pub Type—Reports - Evaluative (142) - Numerical/Quantitative Data (110) - Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Community Colleges, *Late Registration, Questionnaires, *School Policy, *School Registration, School Surveys, Student Attitudes, *Student Characteristics, Student Motivation, Two Year Colleges, *Two Year College Students

Identifiers—Miami Dade Community College FL. In 1990, the President's Council at Miami-Dade Community College (M-DCC) endorsed changing registration procedures to eventually eliminate late registrants. A study was conducted to determine the number of students who register late, their characteristics and reasons for registering late, and whether late registrants could be expected to change their behavior if the policy permitting late registration were changed. Separate data files were constructed for students who registered during the last week before classes and those who registered on the first day of classes or later. Results were compared to a file of data on all students registered and enrolled at midterm. In addition, a survey was conducted of students standing in line to register or take a basic skills test in 3 days following the first day of classes. Major study findings included the following: (1) of the 50,461 students included in the October 1st enrollment, 19.9% registered in the week prior to the first day of classes, and an additional 12.4% registered after classes began; (2) in general, students who registered late were not pursuing a degree and were more likely to be former students than currently enrolled students; (3) late registrants tended to be part-timers, Black non-Hispanics, older than recent high school graduates, and males; (4) 58% of the late registrants were aware that they were registering after the first day of classes; (5) 26% indicated that they were registering late because they had only decided to attend M-DCC in the last few days, 16% said they had "just put things off until the very end," 17% said they had just arrived in town, and 10% reported financial reasons; and (6) 74.1% of the respondents indicated that they would register before the deadline if faced with a late registration fee, while 79.7% said they would register earlier if faced with a cut-off of registration after the first day of class. The survey instrument is included. (JMC)

ED 328 325 JC 910 116

Shaffer, Richard A.

Employer Needs Assessment.

Cuesta Coll., San Luis Obispo, Calif.

Pub Date—Jun 90

Note—80p; Conducted for the development of the Educational and Facilities Master Plan.

Pub Type—Reports - Evaluative (142) - Numerical/Quantitative Data (110) - Tests/Questionnaires (160)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Community Colleges, *Employer At-

titudes, *Employment Projections, Job Training, Labor Force Development, Needs Assessment, *On the Job Training, *Personnel Needs, Questionnaires, School Business Relationship, Surveys, Two Year Colleges, *Vocational Education Identifiers—California (San Luis Obispo)

In 1990, Cuesta College (CC) conducted a needs assessment of local employers to determine the type of work done by their employees, number of employees, hiring plans, the current level of employee training, and training needs. The mailed survey had 266 usable responses for a 40.9% return rate. Study findings included the following: (1) 31% of the respondents were in retail and wholesale trades, and 30% were in the service industries; (2) employers planned on hiring more full-time professional workers and part-time unskilled workers during the next year than any other type of full-time or part-time employee; (3) for the coming year, the highest growth rate for new jobs was expected to occur in retail trade and manufacturing, while public administration/government was expected to experience the greatest number of new jobs; (4) on-the-job-training was by far the most important source of initial employee training for all but professional employees; (5) clerical workers were most likely to have received their initial training at a community college, followed by farm managers and technical workers; (6) 57% of the employers provided in-house, on-the-job training after employment, and almost half provide regular in-house training; (7) 32% of the employers were familiar with the types of training available at CC; and (8) employers who rated CC cited high quality of classes, availability of the college, and the number of courses offered as what they liked most, and problems created by location, distance, or transportation as what they "liked least." Tabulated response data for each of the survey items, and the questionnaire and cover letter are appended. (JMC)

ED 328 326 JC 910 118

Adams, Dorcas M. Rowzie, Gay

Continuing Student Survey Results, Fall 1990.

Midlands Technical Coll., Columbia, SC.

Pub Date—90

Note—14p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Ancillary School Services, College Planning, Community Colleges, Comparative Analysis, *Participant Satisfaction, *Paying for College, Program Evaluation, *Student Attitudes, Student Behavior, *Student Characteristics, *Student Employment, Technical Institutes, Two Year Colleges, *Two Year College Students

Identifiers—Midlands Technical College SC. In fall 1990, a sample of continuing students in upper-division courses at Midlands Technical College (MTC) was surveyed to gather information about students' demographic characteristics; employment status; evaluation of MTC's marketing materials; source of income for education; reasons for selecting MTC; evaluation of class scheduling; and evaluation of MTC services. Continuing students in 62 selected classes were surveyed, resulting in 627 usable surveys. Study findings, including comparisons with a similar study conducted in 1988, indicated the following: (1) 70% of the respondents were unmarried, 74% were white, and 56% were female; (2) 87% planned to return to return to MTC the following quarter; (3) 37% were employed full-time, and an additional 45% worked part-time; (4) 72% of the 1990 respondents and 63% of the 1988 respondents rated the MTC catalog as "very helpful"; (5) in both 1988 and 1990, the top three sources of student funding for college were personal income (37%), family income (33%), and family savings (21%); (6) 70% of the respondents indicated that a major reason for attending MTC was the college's course offerings, while 67% cited the college's low cost; and (7) in both 1988 and 1990, over 85% of the students expressed satisfaction with admissions, registration, and advisement. (JMC)

ED 328 327 JC 910 122

Knight, William E.

Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients, Kent State Univ., OH. Regional Campuses. Office of Academic Assessment and Evaluation Services.

Pub Date—Aug 90

Note—122p.

Pub Type—Reports - Evaluative (142) -

Tests/Questionnaires (160) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC05 Plus Postage.
Descriptors—*Alumni, Ancillary School Services, Associate Degrees, *College Graduates, College Transfer Students, Community Colleges, Employment Patterns, Graduate Surveys, *Participant Satisfaction, Program Evaluation, Questionnaires, Student Educational Objectives, Two Year Colleges, Vocational Followup

Identifiers—Kent State University OH Regional Campuses

In 1990, a survey was conducted of alumni of the regional campuses (RC's) of Kent State University who received an associate degree in 1987, 1988, or 1989. Surveys were mailed to all 1,189 alumni, requesting information on their demographic characteristics, goals, education and employment experience, and satisfaction with the programs and services at the RC's. Study findings, based on a 30.5% response rate, included the following: (1) 66% of the respondents were female, 94% were white, 31% were between 31 and 40 years of age, 51% had been enrolled part time, and 89% were currently employed; (2) 24% of the respondents had enrolled at another college after completing their RC programs, though 48% indicated that their ultimate educational goal was to receive a bachelor's degree; (3) of the 189 respondents who evaluated the job preparation they received at the RC's, 32% gave the colleges an "excellent" rating, 39% said they had received "good" preparation, 24% felt they had gotten "adequate" preparation, and 5% felt their preparation was "inadequate"; (4) 92% of the respondents indicated that the ability to think critically was important in their current situation and, of these, 59% felt that the RC's had been effective in developing such skills; (5) engineering/technology, nursing, and business employed the largest percentages of alumni; (6) 76% of the alumni reported that their overall satisfaction with the RC's was "high" or "very high," although several respondents cited inadequacies in the career planning and career placement services; and (7) 20% of the respondents earned their associate degree in 2 years, while 33% took 3 years to complete their degree. Data tables, selected open-ended comments, and the survey instrument and cover letter are included. (JMC)

ED 328 328 **JC 910 123**

Knigh, William E.

Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.

Kent State Univ., OH. Regional Campuses. Office of Academic Assessment and Evaluation Services.

Pub Date—Oct 90

Note—28p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Persistence, *Associate Degrees, *Attendance Patterns, College Graduates, Community Colleges, Educational Attainment, *Enrollment Trends, Graduation Requirements, Higher Education, Stopouts, *Student Characteristics, Two Year Colleges, Two Year College Students

Identifiers—Kent State University OH Regional Campuses

In order to determine the length of time taken by graduates of Kent State University's Regional Campuses (RC) to obtain an Associate Degree, master records were analyzed for 919 (N=527) of the students who graduated in May 1990. The study considered the relationship between time to associate degree and such factors as campus attended, major, semester hours accumulated, gender, ethnicity, age, and grade point average (GPA). Complete information was not available for 67% of the graduates concerning the number of semesters they "stopped out," though available information suggested that one half of the graduates stop out at some point and that the average stop out period was two semesters. Other study findings included the following: (1) the May 1990 graduates were 96% Caucasian, 68% female, and an average of 31 years old; (2) the graduates had accumulated an average of 82 semester credit hours and earned an average GPA of 3.01; (3) the largest percentage of graduates received their degrees in 3 years, while the graduates averaged 6 years from admission to graduation; (4) the number of semesters to degree ranged from 5 semesters for Physical Therapy Assisting Technology graduates to 22 semesters for Systems/Industrial Engineering Technology graduates and 30 semesters for Banking

and Finance Technology graduates; and (5) there was little difference in semesters to degree by gender, but older students and students with low GPA's tended to take longer to obtain their degrees. (GFW)

ED 328 329 **JC 910 124**

Knigh, William E.

Regional Campuses New Freshmen Survey.

Kent State Univ., OH. Regional Campuses. Office of Academic Assessment and Evaluation Services.

Pub Date—Dec 90

Note—100p.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Ancillary School Services, *College Freshmen, Community Colleges, *Participant Satisfaction, Questionnaires, *Student Attitudes, Student Behavior, Student Characteristics, *Student Educational Objectives, Student Employment, Two Year Colleges, *Two Year College Students

Identifiers—Kent State University OH Regional Campuses

In fall 1990, a study was conducted of new freshmen at the regional campuses (RC's) of Kent State University to gather information on the characteristics and goals of the new students and to determine their reasons for enrolling and their perceptions of the academic and student services provided. Surveys were mailed to all 2,390 new freshmen attending the seven RC's. Study findings, based on a 31.2% response rate, included the following: (1) 71% of the respondents were female, 90% were White, 5% were Native American, and 3% were African American; (2) 63% were between the ages of 18 and 22 years; (3) 62% were enrolled for 12 to 18 semester credit hours; (4) 40% said their most important academic goal was completing courses for transfer to a four-year college, while 35% cited completion of an associate degree as their most important academic goal; (5) preparing for a new career and improving knowledge and technical skills were most frequently given as important career preparation goals; (6) in terms of personal goals, 47% of the respondents cited developing the ability to be independent, self-reliant, and adaptable as important, while 29% were interested in learning skills that would enrich their lives; (7) asked about their reasons for enrolling at the RC's, 53% cited the close proximity to home or work, 16.5% cited program offerings, and 13.5% cited the low cost; and (8) the most frequent reasons cited for choosing a particular major were interest in the subject and relation to a given career. Data tables, the survey instrument and cover letter, and sample open-ended responses are included. (GFW)

ED 328 330 **JC 910 129**

Strengthening Student Transfer and Articulation within the University of Nevada System.

Nevada Univ. System, Reno. Articulation Board.

Pub Date—Oct 90

Note—59p.; Appendix C (6 pages) has small, filled type.

Pub Type—Reports - Evaluative (142) — Reports - Descriptive (141) — Opinion Papers (120)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Academic Records, *Articulation (Education), *College Transfer Students, Community Colleges, Educational Trends, Higher Education, Institutional Mission, *Intercollegiate Cooperation, Outcomes of Education, Program Evaluation, *Statewide Planning, *Student Characteristics, *Transfer Policy, Transfer Programs, Two Year Colleges, Two Year College Students, Universities

Identifiers—*Nevada

In 1990, a study was conducted to review and evaluate the condition of transfer and articulation among the four community colleges and two universities within the University of Nevada System (UNS) and to propose policies and procedures to strengthen and support the transfer system. Over 2,000 transcripts of UNS graduates from the classes of 1986 and 1989 were analyzed for information on the patterns and performance of Nevada community college transfer students. This four-part report provides background information, profiles transfer students, identifies major issues, and offers recommendations for system improvement. Section I discusses articulation within the UNS, reviews the community college mission, describes the faculty articulation task forces and special program articulation, and highlights significant trends in student demographics. Section II provides a profile of the UNS transfer student, noting that students transfer at all points in their educational careers, and that a number of four-year college students return to community colleges or enroll simultaneously to earn supplemental credits. Section III discusses 11 major issues and offers 32 recommendations concerning admission requirements, easing the transfer process, capstone programs, course and program articulation, equitable in-state and out-of-state policies, board of regents' requirements and general education core requirements, common introductory-level courses, impact of community college enrollment patterns, improved student records system, performance of transfer students, and communication among students, faculty, and administrators. Section IV offers conclusions about successful articulation. The UNS Board of Regents' policy on articulation is appended. (JMC)

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ED 328 331 **JC 910 142**

Baldwin, Anne

Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-89-26R

Pub Date—Dec 89

Note—30p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Accountability, *Associate Degrees, College Graduates, College Outcomes Assessment, *College Transfer Students, Community Colleges, *Education Work Relationship, *Employment Patterns, *Job Placement, Longitudinal Studies, *Outcomes of Education, Tables (Data), Two Year Colleges, Two Year College Students, Vocational Followup

Identifiers—Miami-Dade Community College FL

In 1989, a longitudinal study was conducted of Associate in Science (A.S.) degree programs at Miami-Dade Community College from 1983-84 through 1988-89. A.S. program review standards set by the State of Florida require that 70% of program graduates either have found employment utilizing their education or be in the process of continuing their education at an institution of higher learning. Sources of data on graduates included state-level employment, university enrollment, and defense department information; a mailed survey of graduates; program managers' input; a survey of prospective graduates applying for graduation; job placement officers; and telephone interviews with employers. Study findings included the following: (1) the overall rate of positive placements for A.S. graduates climbed to a high of 89% for 1987-88 graduates, with this figure rising to 94.6% with the deletion of those of unknown status; (2) in comparing programs on the 70% placement criterion in 1984-85 against 1987-88, 12 (27%) of the programs improved while 4 of the programs that passed in 1984-85 failed to meet standards in 1987-88; (3) 18% of 1987-88 A.S. graduates were continuing their education; (4) 67% of the 1987-88 A.S. graduates in early childhood education, 61% in vision care technology, and 53% in aviation and allied studies were continuing their education; (5) as a group, health programs surpassed the overall placement rate of 89%, as did the law enforcement (99% successfully placed) and fire science technology (100% successfully placed); and (6) Hispanic, White, and Black A.S. graduates experienced equally high successful placement rates. Attached appendixes provide the data gathering methodology and explain the levels of program review. (JMC)

ED 328 332 **JC 910 143**

Einspruch, Eric Downing, Sherry

Profile of the Academically Underprepared Student at Miami-Dade Community College.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-90-13R

Pub Date—May 90

Note—18p.

Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Age, College Credits, *College Preparation, Community Colleges, *Educationally Disadvantaged, Ethnic Groups, Females, High Risk Students, Males, Minority Groups, *Remedial Programs, *Student Characteristics, Student Edu-

ational Objectives, Two Year Colleges, *Two Year College Students

Identifiers—Miami Dade Community College FL
A profile is provided of students at Miami-Dade Community College (M-DCC) who enrolled in at least one college preparatory course in fall 1989. The report covers the number of academically prepared students; their ethnic distribution, age, gender, and native language; the year they graduated from high school; their enrollment and matriculation status; and the number of credits they earned. Comparing the academically underprepared students with students who took no college preparatory classes that term, the report highlights the following: (1) one in five fall 1989 students enrolled in at least one college preparatory course during the term; (2) of these students, 18% were White non-Hispanic, 21% were Black non-Hispanic, and 59% were Hispanic; while among students not enrolled in college preparatory classes, 29% were White non-Hispanic, 15% were Black non-Hispanic, and 54% were Hispanic; (3) of those students enrolled in a college preparatory course, 51% had a native language other than English, as did 44% of those not enrolled in a college preparatory course; (4) 37% of the academically underprepared students had graduated from high school the previous year, compared to 11% of those enrolled in college-level courses only; (5) of those students enrolled in a college preparatory course, one third were under 20 years of age and another third were between 20 and 24 years of age; and (6) about the same number of new students (N=4,524) and continuing students (N=4,396) were enrolled in college preparatory course work.

ED 328 333

JC 910 144

Einspruch, Eric

High School Preparation as Viewed by Students in Miami-Dade Community College English Classes.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Report No.—MDIR-90-16R

Pub Date—Jun 90

Note—60p.

Pub Type—Reports - Research (143) - Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Academic Achievement, Academic Aptitude, College Bound Students, College English, *College Preparation, Community Colleges, *Educationally Disadvantaged, High Schools, Participant Satisfaction, Questionnaires, *Self Evaluation (Individuals), *Student Attitudes, Student Characteristics, Student Educational Objectives, Tables (Data), Two Year Colleges

Identifiers—Miami Dade Community College FL

In 1990, a survey was conducted of students at Miami-Dade Community College (M-DCC) to determine their perceptions of their high school preparation for college. The survey was distributed to a 5% random sample of English classes. Surveys were returned from 302 students in 26 of the 31 sampled classes for a response rate of 84%. A comparison with findings from a similar study conducted in 1982 revealed no significant differences in student perceptions of their high school preparation. Major findings of the study were as follows: (1) on questions designed to assess students' level of commitment to educational goals, 43.6% of the respondents indicated that they had not studied a great deal in high school; over 70% said they usually studied for tests, handed in reports/papers on time, and did their homework; slightly more than one-third said they had a special time and place to do their homework; 54% participated in extracurricular activities; 25.1% indicated that they picked easy courses in high school; and 84.9% planned to attend M-DCC for at least 2 years; (2) on questions focusing on students' perceptions of their high school performance, 54.6% said they received mostly A's and B's in high school, 39.4% reported receiving mostly C's and D's, and 55% felt ready for college when they graduated from high school; (3) in terms of the academic demands made by their high school, 30.9% said they rarely had to do their homework at home, 69.3% indicated that they had not read 50 pages per week, only 22.7% indicated that they used the library more than 10 times to obtain information, 10.8% indicated that they had no essay exams in high school, 44.6% felt they had not learned to study in high school; (4) less than one fourth of the respondents indicated that they would do everything in the same way if they could do their high school years over;

and (5) only 39% agreed that their high school courses prepared them for a job, just over one-half felt high school prepared them for college, and less than one-half agreed that high school prepared them to be an adult. Responses of remedial students are compared with those of students in college-level courses. The survey instrument and student comments are included. (JMC)

ED 328 334

JC 910 145

Einspruch, Eric

CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—Oct 90

Note—23p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Achievement Tests, Basic Skills, Community Colleges, Comparative Analysis, Evaluation Criteria, *Performance Factors, Predictive Validity, Standardized Tests, *Testing Problems, *Test Results, Test Score Decline, Two Year Colleges, *Two Year College Students

Identifiers—Miami Dade Community College FL

Determining the overall pass rates on the College-Level Academic Skills Test (CLAST) for a given cohort of students involves an analysis of both the first-time examinee performance and subsequent pass rates of students who failed the test and retook it at a later date. Two increases in the scores required to pass the CLAST in 1986 and 1989 have complicated the process of determining the actual pass rates for any given cohort of students and of predicting future pass rates. A study was conducted at Miami-Dade Community College (M-DCC) to examine the impact of increased cut-off scores on eventual pass rates, analyze the percentage of students failing any of the CLAST subtests following the 1989 raise in pass scores, determine the effectiveness of the models used to predict pass rates after the cut-off scores had been raised, and predict what the pass rates will be a year after the third raise in cut-off scores goes into effect in fall 1991. Study findings included the following: (1) 41.3% of the 2,713 first-time examinees in 1989 passed all four subtests on their first attempt, and another 15.3% passed when they retook the CLAST on one of the following two administrations, bringing the total pass rate for the cohort to 56.6%; (2) 49.3% of the examinees who initially failed one subtest passed all four subtests within the next two test administrations, as compared to only 19.6% of those who initially failed two subtests; (3) higher passing scores have led to an increase in the proportion of examinees initially failing multiple subtests; and (4) pass rates for the fall 1989 examinees very closely approximated the predictions previously made. (GFW)

ED 328 335

JC 910 146

Baldwin, Anne

Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R.

Miami-Dade Community Coll., Fla. Office of Institutional Research.

Pub Date—Oct 90

Note—131p.

Pub Type—Reports - Evaluative (142) - Numerical/Quantitative Data (110)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Associate Degrees, *College Graduates, Community Colleges, *Education Work Relationship, *Enrollment Trends, Job Placement, Longitudinal Studies, Majors (Students), Multicampus Districts, *Outcomes of Education, *State Standards, Student Educational Objectives, Trend Analysis, Two Year Colleges, Two Year College Students, Vocational Education, *Vocational Followup

Identifiers—Florida, Miami Dade Community College FL

In October 1990, a study was conducted of Miami-Dade Community College (M-DCC) occupational programs over the 5-year period from 1984-85 through 1988-89. The study examined trends in enrollment, graduation, attainment of state-mandated job placement standards, and pre-program interest among students for both Associate of Arts (A.A.) and Associate of Science (A.S.) degrees. The opening three sections of this report

provide summary information on the placement status of 1988-89 graduates; the distribution of A.S. programs on M-DCC campuses; and the graduation and enrollment trends in each of the different occupational programs. The final section consists of extensive data tables for each of the A.S. programs, providing information on total program enrollees, numbers of graduates, number of graduates employed in a related field, number continuing their education, number employed in an unrelated field, number in the job placement pool, number placed, and the number originally declaring enrollment in an A.A. or an A.S. program. Data are provided for each of the 5 academic years from 1984-85 through 1988-89. Highlighted findings for 1988-89 include the following: (1) the overall job placement rate for graduates of A.S. programs was 96.8%; (2) 85% of the A.S. programs had graduates who were continuing their education; (3) only 3% of the graduates were employed in fields unrelated to their training; and (4) the programs with the largest numbers of graduates were Nursing, Office Systems Technology, and Electronics Technology. (GFW)

PS

ED 328 336

PS 018 465

Lerner, Mary

Inside the Black Box: Understanding Home Visiting Programs.

Pub Date—Oct 87

Note—17p.; Paper presented at the Annual Meeting of the American Public Health Association (New Orleans, LA, October 19-22, 1987).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Child Health, Demonstration Programs, Health Education, *Home Programs, *Home Visits, *Infants, Interpersonal Relationship, Models, *Pregnancy, *Program Effectiveness

Identifiers—*Maternal Health, Postpartum Care

It is argued that health-oriented home visiting programs during pregnancy and the postpartum period can be an important element in a comprehensive maternal and child health package. This discussion, which draws on the experience of a group of demonstration home visiting programs sponsored by the Ford Foundation's Child Survival/Fair Start initiative, explores the dynamics that make home visiting programs work. The demonstration programs use laywomen to educate and support mothers in medically underserved communities. A conceptual model linking risk factors, intervention activities, and effects on mothers and children is proposed. The discussion then turns to the process of determining what goes on between home visitor and mother. Finally, the discussion presents an innovative study of program participation that uses home visitors' ratings of their relationships with clients. Preliminary results suggest that if home visitors feel that they are friends to their clients, the latter will be better participants than if the relationship is merely that of a social worker to a service recipient or a teacher to a student. The level of participation will be higher if the client is single, a first-time mother, and has low support from her family, but is not isolated. The questionnaire dealing with the client's level of program participation, and two figures are appended. (RH)

ED 328 337

PS 018 824

Lander, Cassie

Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report.

United Nations Children's Fund, New York, N.Y. Report No.—ISBN-92-806-00-117

Pub Date—Oct 89

Note—54p.

Available from—Programme Publications, UNICEF House, Room 128, Three United Nations Plaza, New York, NY 10017 (\$10.00).

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Child Development, Child Health, *Developing Nations, *Developmental Programs, Early Childhood Education, Economic Factors, Financial Support, Foreign Countries, Infants, Intervention, Mass Media Role, Nutrition, Poverty, *Program Development, *Young Children

Identifiers—Benin, Colombia, *Early Childhood

Development Programs, India, International Surveys, Kenya, Nepal, UNICEF, World Health Organization

The first Innocenti Global Seminar, which was sponsored by the United Nations Children's Fund (UNICEF), investigated the topic of Early Child Development (ECD). This summary report focuses on the three objectives of the seminar, which were to: (1) review critical issues in the field of child development so as to provide a rationale for investing in ECD programs; (2) examine strategies for the design, implementation, and evaluation of ECD activities, and review UNICEF-supported initiatives; and (3) explore issues in program implementation. To meet the first objective, research on prenatal development, and infant capacities and patterns of interaction, was reviewed. Biological, behavioral, and social factors were examined. For the second objective, a five-category model of ECD programs was delineated. Topics included increased program coverage, funding problems, methods of creating political will, the role of media in promoting ECD, program quality control, training of ECD personnel, and monitoring of programs. Successes and constraints of ECD programs in India, Benin, Nepal, Colombia, and Kenya were appraised. Efforts to address the third objective focused on policy implications; programming challenges; and the contributions of UNICEF. References number 57. Appended are the agenda, a list of participants and speakers, lists of resources and reading materials, and related items. (BC)

ED 328 338 PS 019 138
Home Activities for Fours.
Ferguson-Florisant School District, Ferguson, Mo.
Report No.—ISBN-0-939418-60-6
Pub Date—90

Note—114p; Product of the Ferguson-Florisant School District (MO) Early Education Program. Printed on colored paper.

Available from—Early Education Program, 1005 Waterford Drive, Florissant, MO 63033.

Pub Type—Guides - Non-Classroom (055)
EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Family Environment, *Home Instruction, *Learning Activities, Parent Participation, Preschool Children, Preschool Education, *School Readiness

These home learning activity guides have been developed for parents to use with their 4-year-old children. Most of the activities require only household items that are often thrown away and can be recycled for learning activities. Some require no materials at all. The guides frequently begin with a discussion of home activities; progress through activities for exploration, listening, and understanding; and end with activities for application and expression. Activities focus on self-awareness; things one can learn at home; the seasons; listening and memory; the senses of taste, touch, and vision; transportation; building; boxes and bags; animals; space; story time; and nature. (RH)

ED 328 339 PS 019 160
Bredenkamp, Sue

Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base.

Pub Date—[Nov 90]

Note—11p; Paper presented at the Conference on Preparation and Professional Development Programs for Early Childhood Educators: Emerging Needs for the Next Decade (New York, NY, November 7-8, 1990).

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Child Caregivers, *Course Content, *Early Childhood Education, Elementary School Teachers, Inservice Teacher Education, Postsecondary Education, Preschool Teachers, Preservice Teacher Education, *Professional Development, Research Needs, Teacher Certification, *Teacher Education, *Teacher Effectiveness, Teacher Qualifications

Identifiers—CDA, Child Development Associate, *National Association Educ of Young Children, Teacher Education Programs (Five Year)

There is a consensus among professionals about the content of programs that prepare educators for the early childhood level, and particularly about a core knowledge base. However, there is little consensus on the minimum levels of hours and credits needed to adequately prepare early childhood educators, and on the professional roles and responsibilities to be assumed at the various levels. Research

indicates that formal education and specialized preparation for educators result in improved quality of care for children. However, the number of teachers with such training is insufficient to staff all classrooms. There appear to be emerging needs for training that the field is not prepared to handle. As for model practices of educational training, baccalaureate programs are erratic because of their reliance on state certification standards. In-service training has become a substitute for adequate pre-service training. There is a weak relationship between in-service training and improved teacher behavior. Steps must be taken to provide improved training programs, but early childhood educators must clarify their long-term goals before these steps will enhance progress. Appended are a table that offers a comparison of teacher preparation guidelines and a figure that concerns early childhood professional knowledge at various levels of professional preparation. (BC)

ED 328 340 PS 019 199
Whitebook, Marcy And Others

The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.

Child Care Employee Project, Oakland, CA.
Spons Agency—Smith Richardson Foundation, Inc., Greensboro, N.C.

Pub Date—Oct 90

Note—5p; Poor quality type throughout.

Pub Type—Collected Works - Proceedings (021) — Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Access to Education, Career Ladders, *Child Caregivers, Child Care Occupations, *Compensation (Remuneration), Cultural Differences, Early Childhood Education, Mentors, Postsecondary Education, Professional Development, *Professional Training, *Research Needs, Scholarship Funds, Staff Development, Supervision, Teacher Education

Identifiers—*Cultural Sensitivity, National Child Care Staffing Study, Project Head Start

The Child Care Employee Project hosted a 2-day working session in Berkeley, California, in an effort to explore questions raised by the National Child Care Staffing Study about what constitutes adequate professional preparation for child care teachers and providers. The mission of the meeting was to develop an agenda for research about the process of securing a skilled and stable work force. Two themes were dominant: (1) improvement of training must be accompanied by increased compensation; and (2) effective training requires sensitivity to cultural differences. Participants concluded that training is a process of professional development that involves three components: access, content, and follow-through. These three components must be addressed simultaneously by policymakers, practitioners, and researchers. Highlights of the discussion of the components, including sample policy-based research questions, are provided. (BC)

ED 328 341 PS 019 202
Peters, Donald L.

Critical Policy and Research Issues for Early Childhood and Elementary Education.

Spons Agency—National Center for Education Statistics (ED), Washington, DC.

Pub Date—[89]

Contract—NCES-PO-433J47900696

Note—55p; "Commissioned paper."

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Early Childhood Education, *Educational Policy, Educational Practices, *Elementary Education, Kindergarten, Leadership, *Professional Development, Program Effectiveness, *Research Needs, State of the Art Reviews, Systems Approach, Teacher Education, Test Use, *Transitional Programs

Identifiers—Developmentally Appropriate Programs, *Research Results

This paper focuses on: (1) prevalent assumptions and weaknesses underlying research on preschool programs for 3- to 5-year-olds; (2) issues concerning transition to kindergarten and early elementary grades; (3) the preparation of early childhood personnel; and (4) critical research needs. The review of research findings prompts questions about the advisability of: (1) initiating center- or classroom-based programs for all children regardless of their developmental level or socioeconomic status; (2) the trend toward increased emphasis on academic achievement in the early childhood curriculum in public and private preschools and in early

intervention programs for low-income and developmentally delayed children; and (3) leaving unchecked the global enthusiasm for early childhood education as a way of "saving" today's children. The discussion of transition to kindergarten views kindergarten (and perhaps the first three grades) as a developmental transition in the educational process rather than as a discrete curriculum entity. Implications of this view are pointed out. The discussion of the preparation of personnel argues for a systematic plan of personnel development that includes five tiers of activity ranging from in-service training to senior leadership preparation. Four main themes for future research are pointed out. Four figures illustrate, respectively, the delivery modes of the Head Start program, and the parent and child effects of the Center-Based, Home-Based, and Home/School programs. Seventy-eight references are included. (RH)

ED 328 342 PS 019 218
Sprung, Barbara And Others

Playtime Is Science: Implementing a Parent/Child Activity Program.

Educational Equity Concepts, Inc., New York, NY.
Spons Agency—Aaron Diamond Foundation, Inc., New York, NY; Morgan Guaranty Trust Co., NY; New York Community Trust, N.Y.

Report No.—ISBN-0-931629-08-X

Pub Date—90

Note—70p.

Available from—Educational Equity Concepts, Inc., 114 East 32 Street, New York, NY 10016 (\$24.95).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Early Childhood Education, Elementary School Students, *Learning Activities, *Parent Participation, *Parents as Teachers, *Play, Preschool Children, Resource Materials, *Science Instruction

A program of science activities for children in the early childhood years and their parents is offered. The three different formats of the Playtime Is Science program are adaptable to a variety of settings and schedules. The Parent/Child Activity Program includes one parents-only session in which participants learn that routine chores involve physical science concepts they can share with their children. During the remaining four sessions, children are given 45 minutes to learn activities. Parents act as facilitators in the activities. In the second version of the program, Parents as Teachers, parents work not only with their own children, but also with their children's classmates. The third version, Super Science Saturday, gives parents a chance to use the program on weekends. The five core activities of the program involve physical science experiences with materials commonly found in the home. Activities include making and using sieves, creating a "mystery bottle," making and tossing bean bags, building with "wonderful junk," and discovering how machines work. Sections of the guide provide directions, a program overview, a resource list of appropriate picture and activity books, and step-by-step activity sheets. (RH)

ED 328 343 PS 019 241
Keyes, Carol R.

Campus Children's Centers: Two Decades of Ferment.

Pub Date—[88]

Note—16p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Campuses, *Colleges, *Day Care Centers, Early Childhood Education, *Ecological Factors, Educational Change, *Educational Development, Educational History, Higher Education, Program Descriptions

Identifiers—*Campus Child Care, *National Coalition for Campus Child Care Inc

Although children's programs have been on campuses since the turn of the century, their focus has changed in the last two decades, moving along a developmental continuum. Using Katz's constructs of developmental stages of preschool teachers, the field of campus children's centers is described as progressing through a survival, consolidation, renewal, and maturity stage of development. Each stage and its attending needs and recommendations is discussed within a national context to focus attention on the importance of the ecological nature of that development. (Author/BB)

ED 328 344 PS 019 242

116 Document Resumes

Keyes, Carol R.
Campus Child Care: Diverse and Changing.
 Pub Date—[89]
 Note—9p.
 Pub Type—Reports - Descriptive (141) — Information Analyses (070)
 EDRS Price - MF01/PC01 Plus Postage.
 Descriptors—*Campuses, *Colleges, College Students, *Day Care Centers, Departments, Early Childhood Education, *Educational Change, Educational Needs, Higher Education, Literature Reviews, Parents, Program Descriptions, *Research and Development, *School Age Day Care, School Community Relationship.
 The major purpose of this paper is to describe the nature of the diverse and evolving forms of campus child care in the United States; the role they serve in support of the academic, service and research mission, their links with the community, and the challenges they face. (34 references) (BB)

ED 328 345 PS 019 279
Feng, Jianhua
Thinking and the Teaching of Thinking for Children.
 Pub Date—[88]
 Note—12p.
 Pub Type—Guides - Classroom - Teacher (052) — Information Analyses (070)
 EDRS Price - MF01/PC01 Plus Postage.
 Descriptors—Cognitive Processes, *Educational Strategies, Elementary Education, *Elementary School Curriculum, *Elementary School Students, *Skill Development, *Teacher Role, Teaching Guides, *Thinking Skills
 Identifiers—*Knowledge

Changes in the world make it urgent to give serious, conscientious and systematic attention to teaching thinking skills to children throughout the school curriculum, across all grade levels, and in all subjects. The nature of thinking is discussed in terms of its key components—cognitive operations, certain kinds of knowledge, and certain attitudes and dispositions. Other characteristics—purpose, development, modalities, context, and environment are considered next, as are various perspectives—particularly the constructivist perspective. All of this information provides background for the final consideration, namely, strategies which have been suggested by various experts to enhance the development of thinking skills among children. Teaching strategies include placing the cognitive demand on the child; drawing the child's attention to a discrepancy, contradiction, or inconsistency; and involving the child in mental activity that requires going beyond the obvious concrete event. It has also been suggested that teachers should encourage students to interact with each other to generate cognitive demands on their fellow students. (BB)

ED 328 346 PS 019 296
Cohen, Nancy, Ed.
Highlights of the National Family Day Care Project.
 National Council of Jewish Women, New York, N.Y.
 Pub Date—90
 Note—20p.
 Available from—National Council of Jewish Women, Center for the Child, 53 West 23rd Street, New York, NY 10010 (single copy free; additional copies \$1.00 each).
 Pub Type—Reports - Descriptive (141)
 EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Advocacy, Child Caregivers, Community Zoning, *Early Childhood Education, *Family Day Care, *National Programs, Profiles, Program Descriptions, Volunteers
 Identifiers—*National Family Day Care Project
 The National Council of Jewish Women's National Family Day Care Project (NFDCCP) is a 3-year initiative which is intended to pioneer effective roles for community groups in increasing the quality, supply, and visibility of family day care. This publication provides: (1) a statement on the importance of the NFDCCP by Edward Zigler; (2) a paper called "Facts about Volunteers" by Lynn Lyss; (3) an annotated directory of NFDC projects; and (4) an NFDCP publications order form. The directory is organized in terms of the strategies used by projects in regard to provider recruitment and orientation, resources for providers, zoning advocacy, and education campaigns. (RH)

ED 328 347 PS 019 314

Moxley, Roy A. And Others
Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing.
 Pub Date—90
 Note—28p.
 Pub Type—Guides - Classroom - Teacher (052)
 EDRS Price - MF01/PC02 Plus Postage.
 Descriptors—Discussion, Early Childhood Education, *Handwriting, Record Keeping, *Self Evaluation (Individuals), *Teaching Methods, *Writing Improvement, *Writing Skills, Young Children
 Identifiers—*Story Writing

Two examples of students' self-evaluation in writing are used to illustrate the wide range of tasks that can be addressed in self-evaluation and initial exploratory procedures for furthering self-evaluation. The first example illustrates the use of records for self-evaluation of handwriting by a 4-year-old, and the problem that can arise when evaluation criteria are not clear or meaningful to the student. The second example illustrates the use of records for self-evaluation of creative writing by a 7-year-old and some techniques that can aid in the circumvention of the problems of criteria that are not easily defined. Both projects illustrate that criteria will need to be revised even when initial criteria are reasonably well-selected. It is concluded that joint teacher-learner assessment in writing is useful in testing the adequacy of task specifications and modifying such specifications as needed. Student participation in the production, evaluation, and revision of student writing provides a means for turning the evaluation of writing over to the students themselves. The identification of illustrations of criteria and improvements in meeting criteria is aided by student self-recording. A recommendation for extending these procedures to classroom-wide peer tutoring is offered. (RH)

ED 328 348 PS 019 348
Description of Child Care Training Programs in Canadian and International Jurisdictions.
 Ontario Ministry of Community and Social Services, Toronto.
 Pub Date—Oct 90
 Note—79p.
 Pub Type—Reports - Descriptive (141)
 EDRS Price - MF01/PC04 Plus Postage.
 Descriptors—*Day Care, *Early Childhood Education, *Educational Legislation, Foreign Countries, Postsecondary Education, Program Descriptions, *Teacher Education, *Teacher Qualifications

Identifiers—*Canada, *Equivalent Instruction Programs, France, Program Characteristics, Sweden, United Kingdom
 This report reviews the child care arenas in Canadian jurisdictions in particular, and in the jurisdictions of Sweden, United Kingdom and France as well. The report also provides a list of Canadian early childhood education programs that have lasted two years or longer. For each jurisdiction, the related legislation is outlined in order to provide a context within which to make comparisons to Ontario. All programs in jurisdictions where there are specific legislative requirements regarding staff qualifications, or where bonafide training programs are identified in legislation, are reviewed. In instances where there are no staff qualifications, or where the legislation does not recognize specific programs, only programs of two years' or longer duration are considered. Equivalency processes for individuals with foreign or alternative credentials are described. (RH)

ED 328 349 PS 019 355
Newcomb, Thomas L.
Poetry Experiences with Young Children. Revised Edition.
 Pub Date—90
 Note—8p.
 Available from—Dr. Thomas Newcomb, 19130 Nelson-Parkman Road, Garrettsville, OH 44231 (\$5.00, plus \$1.00 shipping).
 Pub Type—Guides - Classroom - Teacher (052)
 EDRS Price - MF01/PC01 Plus Postage.
 Descriptors—Creative Writing, Elementary Education, Elementary School Students, Guidelines, Language Arts, Learning Activities, *Poetry, *Young Children

Written as a resource for teachers, parents and poets working with young children, this publication offers advice about providing experiences with poetry to young children. Material focuses on the "frolisome use of language," "snap-shot poetry experiences," and classroom poetry centers. Seven

references are cited, and a bibliography provides 10 resources for children and 11 for teachers. (RH)

ED 328 350 PS 019 363
Yagi, Kan
State Disadvantaged Child Project in the Portland Public Schools. 1988-89 Evaluation Report.
 Portland Public Schools, OR. Research and Evaluation Dept.
 Pub Date—Feb 90
 Note—36p.
 Pub Type—Reports - Evaluative (142)
 EDRS Price - MF01/PC02 Plus Postage.
 Descriptors—After School Programs, Budgets, Compensatory Education, *Disadvantaged Youth, *Economically Disadvantaged, Elementary School Students, Elementary Secondary Education, High School Students, Homework, Junior High School Students, Middle Schools, Preschool Children, Program Effectiveness, Program Evaluation, State Programs, Tutoring
 Identifiers—*Portland Public Schools OR, Program Characteristics, Project Head Start

The purpose of this report is to describe the programs that make up Oregon's Disadvantaged Child Project (DCP) and document the ways in which students benefited from participation. The DCP was established in 1967 to provide supplemental services to children in low-income and culturally deprived areas. The project contains three major components: (1) Target Area schools whose primary target populations are students in the low-income core area of a Portland District served by eight elementary schools, a middle school, and a high school; (2) Qualifying Middle schools outside the core area attended by students from the area; and (3) two special programs: a Head Start early childhood education program and an after-school tutoring and homework assistance program, both of which mainly serve students from the Portland core area. The Target Area schools served nearly 6,600 students in 10 schools. Project funds in these schools were mostly used to provide additional teachers and teacher assistants for the purpose of increasing teacher-to-student ratios, and to enrich curricula. Qualifying Middle schools served 160 students. To a great degree, services took the form of supplementary instruction in basic skills. Fall and spring achievement test results for the Target Area schools showed student achievement levels in reading, math, and language usage that were lower than district averages. (RH)

ED 328 351 PS 019 366
Dufeld, Cheryl Temple
Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program.
 Pub Date—Jun 87
 Note—36p.; Master's Practicum, Nova University.
 Pub Type—Dissertations/Theses - Practicum Papers (043)
 EDRS Price - MF01/PC02 Plus Postage.
 Descriptors—*Computer Literacy, *Curriculum Development, *Elementary School Students, *Elementary School Teachers, Grade 4, Grade 5, *Inservice Teacher Education, Intermediate Grades, Learning Activities, Mastery Learning, Teaching Guides, Workbooks

A teacher in gifted education implemented and evaluated a 9-week practicum intervention designed to: (1) produce computer literacy materials that would enable fourth and fifth graders to meet minimal standards for computer literacy in Florida; and (2) produce corresponding in-service materials for teachers. A teacher's manual was developed from county materials and other public domain materials on computer instruction. The manual correlated materials and activities to minimal standards, and organized them in a logical, teachable progression. A student's booklet was compiled from the activities and materials in the teacher's manual. Included were activity sheets; cut-and-paste pages; and informative pages on terms, procedures, and facts. Two 45-minute in-service sessions were conducted with participating teachers. After teachers had mastered the minimal standards, the program was implemented in classrooms. Target teachers were asked to teach the computer literacy program at least twice a week for 30 minutes per lesson. Evaluation data revealed that 55 of 181 target students achieved a posttest score of 80 percent or better. Teachers improved significantly in knowledge of computers. Measures and instruments are appended. (RH)

ED 328 352 PS 019 374

Ahmad, Mahassen

Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report.

Texas State Dept. of Human Services, Austin.

Pub Date—90

Note—102p; For an earlier evaluation, see ED 285 897.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Coordination, *Library Services,

*Nutrition Instruction, *Outreach Programs, Program Evaluation, *Resource Materials, State Programs, *Workshops

Identifiers—Texas

The U.S. Department of Agriculture's Nutrition Education and Training Program (NET) provides nutrition information and instructional resources for children and for key individuals involved in children's learning environments. The latter category includes parents, educators, and food service personnel. This document describes formal evaluation activities of the NET Program for fiscal year 1990, reports findings, and offers recommendations. Section I provides an executive summary of the evaluation activities. Section II describes the evaluation of the outreach activities of the NET Program. Section III reports on the evaluation of the Nutrition for Children workshops for educators, food service personnel, and administrators. Section IV concerns findings on the use of the "Food... Early Choices" kits in nutrition education. Section V reports on the general evaluation of the NET Program. Appendices provide evaluation instruments of the NET Program Outreach, the Nutrition for Children Workshop, and the "Food... Early Choices" kit study. (RH)

ED 328 353 PS 019 395

Johnson, Donna M.

A Model Information Workshop for Prospective TK Parents.

Pub Date—Jul 90

Note—89p; Master's Practicum, Nova University.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Communication (Thought Transfer), *Kindergarten, *Parent School Relationship,

*Parent Teacher Conferences, Primary Education, *Transitional Programs, Workshops

A kindergarten teacher implemented and evaluated a practicum intervention designed to improve an elementary school's communication with parents concerning its transitional kindergarten program. Implementation occurred over 10 weeks and involved the formation of a committee to approve the plan of action; meetings with seven kindergarten teachers to discuss the coordination of parent-teacher conferences; implementation of parent-teacher conferences attended by kindergarten teachers and parents of children recommended for the transitional program; implementation of two informational programs for parents; and a visit of prospective transitional students to the transitional kindergarten class. Parent survey data suggested that the outcomes of the intervention were positive. Related materials, such as objectives of the transitional kindergarten program, parent survey instruments, and a description of the program's whole language approach to the kindergarten curriculum, are appended. (RH)

ED 328 354 PS 019 397

Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years.

Arizona State Dept. of Education, Phoenix.

Pub Date—Mar 90

Note—58p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Behavior Development, *Child Development, Guidelines, *Infants, Parent Materials, *Parent Role, *Preschool Children, Preschool Education, *Symptoms (Individual Disorders), *Toddlers, Toys

This booklet for parents offers examples of key aspects of children's behavior and learning as they develop from birth through the fifth year of age. It provides characteristics of behavior that is likely to occur, of appropriate responses by parents, and of developmental irregularities that need professional attention. Supplemental material includes lists of age-appropriate toys, suggested readings for par-

ents, a list of publications used in developing the booklet, and guidelines on dental health and immunizations. (RH)

ED 328 355 PS 019 401

Brophy, Jere

Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27.

Michigan State Univ., East Lansing. Inst. for Research on Teaching.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Nov 90

Contract—G0098C0226

Note—38p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Art Education, Educational Objectives, *Educational Policy, *Educational Practices, Elementary Education, *Elementary School Curriculum, Geography Instruction, History Instruction, Instructional Program Divisions, *Intellectual Disciplines, Language Arts, Literature, Mathematics Curriculum, Music Education, Political Science, Problem Solving, Professional Associations, Science Curriculum, Student Characteristics, Thinking Skills, Visual Arts

Identifiers—Structure of Knowledge

For this study, professors representing eight disciplines—science, mathematics, political science, music, literature, history, geography, and the visual arts—were asked first to review historical trends and current thinking in their disciplines and then to prepare papers about the ways in which the disciplines should be represented in the elementary school curriculum. The professors were also asked to present their own personal recommendations. This document summarizes the eight papers prepared by the professors. The papers revealed that some disciplines have a long history of policy statements about elementary education; others have made statements only recently; and others have not yet addressed the topic. The papers tend to emphasize instruction that will encourage development of interest in the subjects and acquisition of values and dispositions emphasized in the disciplines, rather than formal courses in disciplinary knowledge. Recommended curriculum and instruction practices are similar to those being recommended by educational psychologists and subject-matter curriculum and instruction specialists who are concerned with instruction that emphasizes understanding, thinking, and authentic applications. (RH)

ED 328 356 PS 019 403

Word, Elizabeth R. and Others

The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990).

Tennessee State Dept. of Education, Nashville;

Tennessee State Univ., Nashville. Center of Excellence: Basic Skills.

Pub Date—Nov 90

Note—398p.

Available from—Tennessee State University, Center of Excellence for Research in Basic Skills, 330 10th Avenue North, Nashville, TN 37203-3401 (\$15.50).

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC16 Plus Postage.

Descriptors—Classroom Research, *Class Size, Comparative Analysis, Cost Effectiveness, *Educational Practices, Grade 1, Grade 2, Grade 3, Inservice Teacher Education, Kindergarten, Longitudinal Studies, Primary Education, *Public Schools, Socioeconomic Status, State Programs, Tables (Data), *Teacher Aides, Teacher Effectiveness, *Teacher Student Ratio

Identifiers—*Project STAR, *Tennessee

This report presents results of Tennessee's 4-year longitudinal class size project: Student Teacher Achievement Ratio (STAR). The study analyzes student achievement and development in three class types: small classes with 13-17 students per teacher; regular classes with 22-25 students per teacher; and regular classes with 22-25 students per teacher assisted by a full-time teacher aide. Project STAR followed students from kindergarten through third grade, starting in 1985-1986 and ending in 1988-1989. Sections of this report concern: (1) background and purpose of the study; (2) study design; (3) descriptive data and teacher effectiveness; (4) primary findings; (5) the longitudinal analysis; (6) teacher in-service training; (7) effects of class size on classroom processes; (8) additional findings;

(9) the cost-effectiveness of reducing class size or adding aides; and (10) a summary of the study. Numerous tables and figures supplement the text. Appended materials concern related legislation and literature, data processing issues, findings on teacher effectiveness, longitudinal tables across grades, student socioeconomic status, Project STAR Abstracts, and the relation of teacher aides to student performance. Citations number 156. (RH)

ED 328 357 PS 019 406

Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs.

Childcare Resources, Birmingham, AL.

Spons Agency—Alabama State Dept. of Education, Montgomery.

Pub Date—Jul 90

Note—87p; For a related document, see PS 019 407.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Educational Environment, Educational Equipment, *Elementary Education, Guidelines, Instructional Materials, Resource Materials, *School Age Day Care, Student Characteristics, Summer Programs, Teacher Student Ratio

Identifiers—*Informal Learning, *Program Characteristics

This manual for directors of school-age child care (SACC) programs contains six sections. Section I provides a rationale for SACC. Section II describes characteristics of school-age children. The extensive Section III discusses characteristics of high quality SACC. After an initial discussion of the importance of out-of-school time, the section focuses on 14 elements of a high quality SACC program, including an identifiable philosophy, support from school system and local school administration, qualified staff, adequate adult/child ratios, appropriate physical environment and equipment, a planned program of activities, provision for snacks or meals, parent involvement, parent handbook, use of community resources, staff development and training, and program policies and procedures. Discussion of program management covers the topics of personal and financial management, recordkeeping, legal authority, and parent involvement. Section IV discusses summer care. Section V presents a bibliography of 28 citations. Appendices provide definitions, sample forms, citations of suggested resources, a list of organizations and agencies providing technical assistance and training, a list of special interest organizations, guidelines on developing staff training modules, and training outlines. (RH)

ED 328 358 PS 019 407

Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children.

Childcare Resources, Birmingham, AL.

Spons Agency—Alabama State Dept. of Education, Montgomery.

Pub Date—Jul 90

Note—103p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*At Risk Persons, Check Lists, Educational Environment, Educational Equipment, Educational Philosophy, Elementary Education, Elementary School Students, Grouping (Instructional Purposes), Guidelines, Individual Development, *Instructional Development, *Learning Activities, *School Age Day Care, *Student Characteristics, *Teacher Role

Identifiers—*Informal Learning

The purpose of this manual is to provide school-age child care center staff in Alabama with information about school-age children that facilitates program planning and provides a basis for implementing and evaluating a high quality school-age child care (SACC) program. Sections of the manual discuss: (1) teacher competencies addressed by the manual; (2) characteristics of a high quality SACC program; (3) the development of program philosophy; (4) the staff role in caring for children at risk; (5) SACC children's needs; (6) developmental characteristics of school-age children and ways to meet their needs; (7) the SACC program's essential ingredients, quality indicators, equipment, nutritional aspects, activities, evaluations of health and safety policies and procedures, schedule of activities, and lesson plans; and (8) staff roles and responsibilities. A total of 18 displays and 34 exercises supplement

the statements of purpose and rationale in each section. Appendices provide a bibliography of 29 citations, definitions of terms, names and addresses of organizations and agencies that provide technical assistance and training or are of special interest, 218 citations of activity resource books, and additional suggested resources for staff. (RH)

ED 328 359 PS 019 409

Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988).

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-83-9

Pub Date—Oct 88

Note—45p.

Pub Type—Collected Works - Proceedings (021)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Accountability, *Curriculum Development, *Early Childhood Education, *Educational Objectives, *Educational Principles, Ethnic Groups, Foreign Countries, Guidelines, Literature Reviews

Identifiers—*Maori (People), *New Zealand

A seminar was held to review early childhood objectives in the context of accountability and to discuss ways to translate these objectives into a practical form. An introductory session listed basic principles underlying early childhood care and education at New Zealand's Trust centers. Subsequent presentations provided: (1) a literature review of national and international objectives of early childhood education and care; (2) a discussion of curriculum objectives in early childhood education; (3) a discussion of principles behind the development of objectives; and (4) a description of Te Kohanga Reo, a total immersion program for Maori preschoolers that is organized by the Maori community and in which Maori is spoken. Notes on group discussions are provided. Also included is a statement on the curriculum in early childhood education, subsections of which provide a definition and a list of 15 basic principles. (RH)

ED 328 360 PS 019 410

Renwick, Margery

Keeping in Touch: Teachers and Parents in Kindergartens, Studies in Education Series, No. 50.

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-80-4 ISSN-0111-2422

Pub Date—89

Note—133p.

Available from—New Zealand Council for Educational Research Distribution Services, P.O. Box 3237, Wellington, New Zealand.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Communication (Thought Transfer), Early Childhood Education, *Family School Relationship, Foreign Countries, Groups, *Home Visits, Inservice Teacher Education, *Kindergarten, Orientation, *Parent Participation, Postsecondary Education, Teacher Education, *Teacher Role

Identifiers—*New Zealand, *Parent Orientation

Based on two studies, this report describes aspects of kindergarten teachers' contact with parents. The first study, which took place in Auckland (New Zealand) in 1983, looked at the way parents are introduced to kindergarten, particularly through home visiting and group pre-entry sessions. The second study was a national study designed to look at a wide range of parent-teacher contact. Sections of the report focus on: (1) the process of establishing relationships between parents and teachers; (2) parent participation; (3) teacher support for parents; (4) training and support for teachers; (5) conclusions; (6) discussion topics, including parent-teacher partnerships, the kindergarten program, parent involvement and education, and teacher-parent support; and (7) suggestions for pre-service and in-service training. Appendix 1 describes the research projects, while appendix 2 lists members of the advisory committees for the studies. Citations number 43. (RH)

ED 328 361 PS 019 411

Podmore, Valerie N. Craig, Barbara H.

Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing.

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-79-0

Pub Date—89

Note—130p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Case Studies, Classroom Research, Computer Software Reviews, *Computer Uses in Education, Courseware, Early Childhood Education, *Elementary School Students, Foreign Countries, *Kindergarten Children, Microcomputers, Parent Attitudes, *Social Behavior, Student Attitudes

Identifiers—*New Zealand

This exploratory study was designed to describe young children's social interactions and teachers' perceptions before and after the introduction of a microcomputer to classrooms and early childhood settings in New Zealand. Two junior school classes and two kindergartens participated. During the first term of 1986, baseline data in the form of independent observation, teachers' diary records, and interviews of the children were collected. A Commodore 64 computer with age-appropriate software was introduced to each classroom or kindergarten in the second term. Data subsequently collected included coded observations, teachers' diary records, teacher and child interview data, and parents' written responses to an exploratory set of questions. An independent observer coded 28 randomly selected children's behaviors before and after the introduction of the computers. Findings tended to support the view that many young children perceive computers as fun, and that microcomputers can enhance aspects of children's social interactions. However, results also suggest that careful planning is needed before microcomputers are introduced to early childhood and junior school learning environments. Appendices provide summaries of teachers' courseware evaluations and instruments used in the study. (Author/RH)

ED 328 362 PS 019 412

Podmore, Valerie N.

Junior School Class Size: Where Are We Now?

Item 8, Set Number One.

New Zealand Council for Educational Research, Wellington.

Pub Date—90

Note—5p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, *Class Size, Cost Effectiveness, Elementary Education, Foreign Countries, Instruction, Job Satisfaction, Literature Reviews, *School Organization, Stress Variables, *Student Attitudes, Student Behavior, *Teacher Attitudes, *Teacher Student Ratio

Identifiers—*New Zealand

Six major topics in the recent literature on class size concern the relation of class size to: (1) children's achievement; (2) other child variables, such as pupils' attitudes and behavior; (3) teacher variables, such as satisfaction and stress; (4) organization and instruction; (5) cost-effectiveness; and (6) the unique characteristics of small classes. This review discusses these topics and cites examples of studies on each topic. (RH)

ED 328 363 PS 019 432

Kagan, Sharon L. And Others

Collaborations in Action: Reshaping Services for Young Children and Their Families.

Yale Univ., New Haven, Conn. Bush Center in Child Development and Social Policy.

Pub Date—Sep 90

Note—240p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC10 Plus Postage.

Descriptors—Agency Cooperation, *Day Care, Early Childhood Education, Institutional Characteristics, National Surveys, Questionnaires, *Social Services, *Systems Development, Young Children

Identifiers—*Child and Family Protective Services

A study was conducted to: (1) enrich the knowledge of collaboration among child and family service providers by identifying and describing effective early care and education collaborations; and (2) create an analytic framework for the study of critical issues affecting the ability of collaboration to improve the quality, comprehensiveness, and availability of services to children from birth to 8 years of age. Collaboration refers to systematic multilateral efforts that seek to improve services rendered by all collaborative parties. Chapter I sets the context of the study and identifies study goals. Chapter II delineates methods and limitations of the study. Chapter III discusses the sample of collaborations studied and their general characteristics. Chapter IV analyzes the ways in which the collaborations function. This chapter also covers the developmental process of the collaborations and the variables that mediate that process. These variables include goals, resources, power, and leadership. Chapter V delineates the outcomes of collaboration, particularly quality, access, comprehensiveness, equity, public information, advocacy, and cost-effectiveness. Chapter VI discusses the findings. Chapter VII discusses implications for practice, policy, and research. Chapter VIII profiles the 72 collaborations studied. Related materials are appended. (RH)

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ED 328 364 PS 019 439

Rolle, Sandra

Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials.

Pub Date—90

Note—109p.; Ed.D. Practicum, Nova University.

Samples of children's writing may not copy well.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Academic Achievement, Academic Failure, *Art Expression, Behavior Problems, *Black Students, Cultural Enrichment, Elementary Education, Elementary School Students, *Males, Parent Education, Parent Participation, *Self Concept, Self Esteem, *Student Attitudes, Student Improvement

An experienced art teacher working with students in grades two through six implemented and evaluated a practicum intervention designed to improve the self-images of male black students, their academic accomplishments, and their feelings of pride in their school. Five actions were taken to attain the objective: (1) cultural materials produced by blacks were integrated into the art curriculum; (2) artwork of black students was displayed in the school and community; (3) seminars on parenting for black parents were developed and implemented with the assistance of the school counselor; (4) role models from various professions spoke of or demonstrated their talents; and (5) faculty were given research literature on black children's learning styles and black culture, family, and achievements. Evaluation data indicated that the intervention was mainly successful. Students increased their self-confidence and classroom competence. However, in some teachers' opinions there was less student improvement in academic effort and classroom behavior. Students improved in attitudes toward school, school subjects, and studying, and parents became more involved in their children's school. Measures used, and other related materials, are appended. (RH)

ED 328 365 PS 019 440

Rosado, Robert J.

Reducing the Suspension Rate among the Disaffected Elementary School Population.

Pub Date—91

Note—65p.; Ed.D. Practicum, Nova University.

Pub Type—Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Conflict, *Discipline Problems, Elementary Education, *Elementary School Students, Interpersonal Competence, *Intervention, Rewards, Role Playing, School Counseling, *Student Improvement, *Suspension

An assistant superintendent for curriculum and instruction implemented and evaluated a practicum intervention designed to reduce the suspension rate among disaffected elementary school students through a counselor intervention program. Goals of the practicum were to reduce the suspension rate among previously suspended students and decrease the number of potential suspensions by counseling students before a suspension situation occurred. During a 3-month period, students participated in a program in which they learned to identify their problems, get along with peers, use appropriate conflict resolution strategies, and receive rewards for their success. Parents, staff, counselors, and students participated in the program. Evaluation data indicated that the suspension rate was reduced dramatically and school staff used counselors in the program to prevent suspensions of disaffected students. Appendices provide a behavior problem doc-

umentation form, a sample clinical journal, a student referral form, a student contract, teacher feedback forms, and a sample letter to parents. (Author/RH)

ED 328 366 PS 019 478

Leigh, Cindy And Others

Primary Guide for Instructional Planning. Mississippi Univ., Jackson. Early Childhood Leadership Inst.

Spons Agency—Mississippi State Dept. of Education, Jackson. Bureau of Instructional Services. Pub Date—90

Note—1,464p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF12/PC59 Plus Postage.

Descriptors—Check Lists, *Cooperative Learning,

*Instructional Development, Instructional Materials, Integrated Curriculum, Learning Activities, Learning Centers (Classroom), Primary Education, State Curriculum Guides, *Student Projects,

*Teaching Methods, *Thematic Approach,

*Units of Study, Whole Language Approach

Identifiers—*Mississippi

Mississippi's guide for instructional planning for the primary grades consists of six units and appended materials. Research principles incorporated into the guide include: (1) a project approach that encourages the study of specific topics; (2) an integrated language program based on use of children's literature for informal and formal instruction in language arts; (3) mathematics instruction involving the use of manipulatives, a variety of representational forms, calculators, and a strong emphasis on problem solving; (4) student grouping practices that promote collaborative projects and activities; and (5) the design of learning centers to enhance instruction in basic skills. The six unit themes, and their suggested time-lines, are: Living and Learning Together, August-September; Our Town, October-November; Then and Now, November-December; Investigations, January-February; Fantasy and Fact, March; and The Big Backyard, April-May. Each unit follows the same format, consisting of title, topic web, general goals that guide planning, methods of evaluation, specific unit goals, a project section, and an activity section. Required and recommended books are cited at the end of each unit. Appendices provide teacher resource materials, an informal test, a social skills checklist, a reading interview notesheet, and a subject area checklist and developmental checklist. (RH)

ED 328 367 PS 019 480

Kunesh, Linda

Early Childhood Education for At-Risk Children:

A National Perspective.

North Central Regional Educational Lab., Elmhurst, IL.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—89

Contract—400-86-0004

Note—5p.

Journal Cit—Policy Briefs; n2 1989

Pub Type—Information Analyses (070)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*At Risk Persons, *Early Intervention, Educational Needs, Educational Policy, Educational Resources, *Federal Programs,

*Preschool Education, State of the Art Reviews,

*State Programs, *Young Children

Identifiers—Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Wisconsin

In this policy brief, an introductory review of early childhood education from a national perspective is followed by brief sketches of the north-central region's action and agendas. The states of Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, and Wisconsin are covered. Concluding commentary identifies three program areas that should be better addressed: provision of developmentally appropriate environments, certification of teachers with regard to standards for early childhood education, and development of parent involvement. References, resources, and state contact persons are listed. (RH)

ED 328 368 PS 019 481

Pough, Carmen Evans, Hattie

South Carolina Guide for Child Development.

South Carolina State Dept. of Education, Columbia.

Office of Vocational Education.

Pub Date—90

Note—356p.

RIE JUN 1991

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Careers, *Child Rearing, Cognitive Development, Computer Software, Definitions, Early Childhood Education, Educational Resources, Emotional Development, Employment Opportunities, *Exceptional Persons, *Individual Development, Infants, Problem Solving, Psychomotor Skills, State Curriculum Guides, Young Children

Identifiers—Fetal Development, Infant Care, *South Carolina

South Carolina's Guide to Child Development addresses three domains of learning: psychomotor, cognitive, and affective. The first unit of the guide, Child Development I, concerns the processes of understanding prenatal development, caring for an infant, providing care for children between 1 and 6 years of age, and delivering care for the exceptional child. Units of Child Development II focus on additional aspects of providing care for children, and on the processes of identifying situations that are problematic for children and recognizing career opportunities in the field of child care. Units are further organized in terms of competencies, performance objectives, performance guides, learning experiences, and instructional resources. Appendices provide definitions of terms; 53 items of supplementary material; numerous designs for transparencies; a bibliography of 64 citations; sources of printed educational media; a list of films, filmstrips, videos, and audiotapes and the institutions from which they are available; and a short list of computer software, kits, models, puzzles, transparencies, and slides, and the sources from which they may be obtained. (RH)

RC

ED 328 369 RC 017 782

Bathurst, Effie G., Ed.

Conservation Education in Rural Schools. Year-

book. February 1943.

National Education Association, Washington, D.C.

Dept. of Rural Education.

Pub Date—Feb 43

Note—125p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Class Activities, Community Education,

*Conservation (Environment), *Conservation

Education, Depleted Resources, Elementary

Secondary Education, Environmental Education,

Experiential Learning, Human Resources, Learning

Activities, *Natural Resources, Program Development,

*Rural Education, Rural

Environment, School Activities

This 1943 National Education Association year-

book was written to teach rural educators about

conservation education in the United States. The

general purposes of the book are: (1) to describe the

major problems of conservation education; (2) to

give specific illustrations of what specialists believe

rural schools should teach; (3) to present reports

from teachers, principals, and supervisors telling

what children are doing and learning; and (4) to

furnish sources of information for teachers and

students. The book focuses on activities of teachers and

children successfully engaged in actual conservation

projects, describing existing conservation education

programs that may prove stimulating to schools and

communities considering similar programs for their

own classrooms. Chapter 1 offers a general over-

view of conservation with examples of existing

threats to the environment. Chapter 2 discusses

conservation education, issues and resources, and

some conservation organizations. Chapter 3 con-

tains examples of actual children's projects, as de-

scribed by their educators. Chapter 4 discusses

human resources conservation, focusing on health

and education, and reports on several successful ef-

forts to raise communities' living standards and

awareness through conservation education projects.

Chapter 5 provides a general summary of the book

and a bibliography of approximately 180 publica-

tions on conservation. (TES)

ED 328 370 RC 017 783

Community Resources in Rural Schools. Yearbook

1939.

National Education Association, Washington, D.C.

Dept. of Rural Education.

Pub Date—Feb 39

Note—108p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Community Resources, Curriculum

Development, Educational History, Educational

Philosophy, Elementary Secondary Education,

*Material Development, *Relevance (Educa-

tion), *Rural Education, Rural Schools, *School

Community Relationship, Small Schools, Teacher

Developed Materials

The discovery and use of community resources are necessary if the school is to assume the role of social agent and if the curriculum is to bring about desirable changes in the student and the community. This 1939 Yearbook sought to provide rural teachers with a philosophy concerning the school-community relationship and examples of programs implementing it. The first chapter discusses the close relationship of the local school to its community and examines philosophic trends toward conceptions of education as an important contributor to child development, as a continuous process, and as a process to improve the community as well as the student. Other chapters address: (1) methods for discovering community resources; (2) youth service to the community through the conservation and development of resources; (3) the use of community resources in curriculum development; (4) the discovery and use of community resources in the education of black and Spanish-speaking students; and (5) an evaluation of the educational movement to integrate the school and community. Each section contains references and/or photographs illustrating the program. (SV)

ED 328 371 RC 017 785

Wofford, Kate V., Ed.

Child Development and the Tool Subjects in Rural

Areas. Yearbook 1941.

National Education Association, Washington, D.C.

Dept. of Rural Education.

Pub Date—Feb 41

Note—92p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Basic Skills, Conventional Instruc-

tion, Educational Benefits, Educational History,

Educational Methods, *Experiential Learning,

*Language Skills, Preschool Children, Primary

Education, Reading Instruction, *Rural Educa-

tion, *Small Schools, Teaching Methods, Tradi-

tionalism

Identifiers—Numeracy

This book, published in 1941, is a collection of articles that emphasize the value of teaching the "tool" or basic skills: reading, elementary mathematics, language arts, "and their subdivisions." The book emphasizes the value of using the environment and experiences of rural children in teaching these subjects. Chapter 1 describes the importance of educational basics, as described by contemporary research. Examples of programs and classroom methods are offered. Chapter 2 contrasts the principles justified by modern psychology against some of the guesswork opinions of child development and tool-subject education with examples of application of these principles to learning situations. Chapter 3 focuses on 5-year-old children in small schools, examining the characteristics and the needs of the group and suggests how these needs can be met by small schools. Chapter 4 examines reading in the small school and discusses reading readiness, motivation, early reading activities, drills, and trends in reading instruction. Chapter 5 focuses on teaching language arts in small schools, discussing the advantages of rural children in this area. Also examined are language-arts development, the role of language arts in integrated learning, and language arts in the daily school program. Chapter 6 discusses children's development of understanding of numbers, offering examples of numeracy exercises and drills. The document includes a bibliography of approximately 100 items. (TES)

ED 328 372 RC 017 786

Dunn, Fannie W., Ed.

Guidance in Rural Schools. Yearbook. February

1942.

National Education Association, Washington, D.C.

Dept. of Rural Education.

Pub Date—Feb 42

Note—119p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Dropouts, Elementary Secondary

Education, Guidance Objectives, *Guidance Pro-

grams, Rural Education, Rural Environment, *Rural Schools, Rural Urban Differences, School Community Programs, *School Counseling, Student Development, Student Evaluation, Student Needs, *Teacher Role

This book is a 1942 compilation of solicited information on rural education trends and guidance programs in the United States. Chapter 1 emphasizes the necessity of good educational guidance for rural children and discusses factors which determine child development, including the rural environment and standards of living. Chapter 2 discusses pre-school child development, comparing parenting and guidance problems in urban and rural areas. Rural children's health and education services are described, as are problems relating to educational access. Chapter 3 describes the teacher's guidance role, using anecdotes to describe good teaching and guidance practices. Also discussed is the effective use of children's leisure or play time. Chapter 4 describes ways in which rural educators observe children, make evaluations, and report on their developmental progress. The use and availability of evaluation tools for rural teachers is discussed. Chapter 5 uses anecdotal material to describe some special guidance needs and problems of rural adolescents and youth. Among the topics are problems relating to sex, family problems, and the incidence of school dropouts. Chapter 6 describes several guidance programs dealing with the following issues: the supervisor's role; elementary guidance counseling; curriculum; school-community cooperation; and local resources. Chapter 7 discusses guidance conferences and clinics. Chapter 8 describes various youth-guidance services provided by volunteer agencies. Chapter 9 describes state and federal rural guidance agencies and programs. Chapter 10 concludes with a call for leadership. The document includes a list of 41 references. (TES)

ED 328 373

RC 017 787

Dawson, Howard A., Ed.
Adjustments in Rural Education.
National Education Association, Washington, D.C.
Dept. of Rural Education.

Pub Date—Feb 37

Note—120p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Black Education, Consolidated Schools, *Educational Development, Educational History, *Educational Objectives, Elementary Secondary Education, Leadership Responsibility, *Rural Education, Rural Schools, *School Administration, *School Districts, School Supervision, Small Schools, Staff Development, Teacher Attitudes

This 1937 compilation of articles covers a wide range of problems within the scope of rural public education. The rural education issues discussed fall under the following general headings: (1) professional leadership; (2) rural school supervision; (3) staff training; (4) rural school district organization; (5) physical plants and equipment; and (6) education for rural blacks. Eighteen articles describe rural education programs at work at that time. The article titles are as follows: "Professional Leadership in Rural Education"; "Differentiated Curricula for Rural Teachers"; "Significant Attitudes for Rural Teachers"; "Program of Training for Rural School Administrators"; "State Stimulation and Supervision of an Enriched Program"; "A County Program for Inservice Training of Rural Teachers"; "A Program of Health Service and Instruction in Rural Schools"; "Educational Objectives of a Public School Program in Rural Areas"; "Procedures for Obtaining Adequate Organization and Administration"; "A Countywide Program of Consolidated Rural Schools"; "Functional Planning for a 12-Year Consolidated School"; "The Arrangement and Equipment of a Model One-Room School"; "A (Virginia) State Survey of Rural School Building Adequacy"; "Experiments and Demonstrations for Improvement among Rural Schools"; "A Curriculum for Small Rural Schools"; "Library Service in Rural Areas"; "Factors Affecting Rural Schools in the South"; and "Financing Rural Negro Schools." (TES)

ED 328 374

RC 017 788

Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders.

National Education Association, Washington, D.C.
Dept. of Rural Education.

Pub Date—47

Note—35p.

Pub Type—Collected Works - Proceedings (021) —
Historical Materials (060)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Agricultural Education, Conservation Education, *Educational Attitudes, Elementary Secondary Education, *Farmers, *Formative Evaluation, National Surveys, *Regional Attitudes, Relevance (Education), *Rural Education, Rural Urban Differences, School Attitudes, School Community Relationship, *School Role Identifiers—Urban Bias

This booklet is a collection of recommendations from participants in eight regional conferences held in 1946 by the American Institute of Cooperation and the National Education Association. The conferences consisted of small groups of agricultural leaders and educators from every section of the United States, who discussed common problems of rural education. The attending educators remained in the background of the discussion, giving themselves an opportunity to hear what agricultural leaders wanted the schools to do. The conference summaries reflect some of the thinking that grew out of the discussions. Farm leaders often called for greater educational emphasis in the following areas: natural resource conservation, basic skills, community issues, family and community life, vocational education, guidance, and teacher training. Farmers also voiced the desire for stronger school-community ties. Also included in the booklet is a brief report of a questionnaire survey showing the opinions of U.S. farm leaders about rural education. Among other things, farm leaders were asked to rate the value of high school subjects to rural youth and to suggest what subjects rural schools should improve. Forty-six percent of the agricultural leaders believed that schools in small towns tended to overemphasize preparation for urban life. Seventy percent were in favor of paying teachers to give educational and recreational leadership during the summer months. (TES)

ED 328 375

RC 017 789

Rural Education in the South. Bulletin of the
Department of Rural Education.
National Education Association, Washington, D.C.
Dept. of Rural Education.

Pub Date—Feb 30

Note—33p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Black Education, Consolidated Schools, Educational Cooperation, *Educational History, Educational Needs, Elementary Secondary Education, Equal Education, Equalization Aid, Instructional Leadership, *Rural Education, *Rural Schools, Rural Sociology, School Supervision

Identifiers—*United States (South)

This collection of essays offers a picture of rural education in the American South in 1930. It opens with demographic data describing child-labor practices as a barrier to education. The following topics are discussed: (1) the achievements of Southern educators in the areas of school consolidation, funding, literacy, and black education; (2) ways of funding rural local school systems, and the issue of equitable funding distribution in Alabama; (3) instructional supervision in Southern rural schools, including supervision systems in Maryland, Alabama, and North Carolina; (4) adult education in South Carolina and the status of black education in the South; (5) the history of black education in the South with some contemporary demographic data and examples of milestone black education movements, which had generated slow progress; (6) the educational needs of farm residents, including vocational instruction and economic education in rural areas; (7) the economic, social, and cultural poverty of rural mountain regions and some attempts to form cooperative schools for mountain adults and youth; and (8) ways Southern educators might widen contacts and better establish the South in the "national order." The book calls for a revamping of standards, a new respect for ideas, and a deepened sense of educational cooperation. (TES)

ED 328 376

RC 017 799

Warner, Paul D., Ed. Campbell, Raymond, Ed.
Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg,

Virginia).

Southern Rural Development Center, Mississippi
State, Miss.

Report No.—SRDC-Pub-No-131

Pub Date—Jun 90

Note—79p.; Title on cover varies slightly.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Agency Cooperation, Agricultural Education, Agricultural Trends, *Agriculture, Conservation (Environment), Economic Development, Experiential Learning, Extension Education, Public Policy, *Rural Development, Rural Education, *Rural Extension, Waste Disposal, *Water Quality, Water Resources

Identifiers—*Biotechnology

This document is a summary of remarks presented at a joint meeting of Agriculture and Natural Resources and Community Resource Development state leaders in 1989. The focus of the meeting was economic viability, rural extension and education, water quality, waste management, biotechnology, low-input sustainable agriculture (LISA), and rural families and communities. The titles of conference speeches include: "Public Policy and Profitability for U.S. Agriculture: The Need for Policy Education to Improve Farm Leadership"; "Focusing on Economic Survivability: A Response"; "Rural Development: Stating the Concern"; "Rural Families and Communities: Alternative Paths to the Future"; "Rural Development Strategies and Opportunities"; "Some Thoughts on Extension's Role in Rural Development Strategies and Alternatives"; "Waste Management: Stating the Concern"; "Waste Management: Problems and Solutions"; "Policy Directions in Waste Management"; "Water Quality and Agriculture: Why Are We Concerned?"; "Family and Community Concerns in Water Quality with a Focus on Agricultural Chemicals"; "Response on Water Quality"; "LISA and Biotechnology: Stating the Concern"; "Information and Education Needs for a Sustainable Agriculture"; "Biotechnology as It Relates to Economic Issues"; "Future of the Southern Regional Extension Program: Where Are We Headed?"; and "Response of the 4-H." (TES)

ED 328 377

RC 017 968

Eckert, Jerry B.
Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report.
Colorado State Univ., Ft. Collins. Dept. of Agricultural and Resource Economics.

Report No.—AR-87-8

Pub Date—Dec 87

Note—34p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Agricultural Production, *Anglo Americans, Credit (Finance), Extension Education, *Farmers, Field Crops, *Hispanic Americans, Livestock, Objectives, Rural Extension

Identifiers—*Colorado (San Luis Valley), Farms
A research project in the San Luis Valley of Colorado sought to isolate a few unique farm types that could become target groups for the design and implementation of agricultural research and extension programs. Questionnaires were completed by 44 of 65 farmers in one watershed area of Conejos County. Analysis revealed a complex pattern of associations. Of the 41 farmers whose responses were used, 21 were Hispanic, 28 were full-time farmers, 18 were more than 60 years old, and 24 owned large farms (containing more than 340 irrigated acres). About half of Hispanics and 15% of Anglos were part-time farmers. Large farms were more likely to be operated by full-time farmers, by younger Hispanics, and by older Anglos. Hispanic farms grew fewer crop species, tended to be particularly dependent on alfalfa, and held virtually all sheep in the area. Younger farmers and full-time farmers were more likely to borrow money. Farm size was the most important influence on short-term management objectives. Differences between Hispanic and Anglo farmers have implications for extension educators and agricultural policymakers. An appendix explains the interpretation of statistical confidence statements. (SV)

ED 328 378

RC 017 969

Chow, Stanley H. L. And Others
Rural Initiative: Evaluation of the Rural Schools Assistance Program.

Far West Lab. for Educational Research and Development, San Francisco, Calif.

Spons Agency—Office of Educational Research

RIE JUN 1991

and Improvement (ED), Washington, DC.
Pub Date—Aug 90
Note—42p.

Pub Type—Reports - Evaluative (142) — Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Elementary Secondary Education, Enrollment Rate, Enrollment Trends, Interviews, Program Effectiveness, Program Evaluation, Regional Characteristics, Research and Development, Research Projects, *Rural Education, *Rural Schools, *School Demography, *Technical Assistance

Identifiers—Arizona, California, Nevada, *Rural Schools Assistance Program, Utah

Rural schools in the western region states of California, Arizona, Utah, and Nevada are facing enormous challenges due to major shifts in the demographics of the region. Rapid growth in student enrollment, particularly of minority and limited English proficient students, the increasing rate of rural poverty and homelessness, and a projected teacher shortage, are only a few of the pressing problems which are stretching the limits of the "make-do" attitude prevalent in rural communities. To respond to the challenge, the Rural Schools Assistance Program was organized in 1987 to: (1) identify, gather, and disseminate information about programs, practices, and resources to rural, small schools in the region; (2) develop and strengthen networks of rural education service providers in the region; and (3) provide or broker technical assistance services to rural, small schools. This report evaluates the program based on interviews with the project participants from the four states. The program has hosted a wide variety of workshops and a regional conference on issues related to rural schools, developed and disseminated numerous research briefs and resource materials about promising rural practices, and conducted collaborative technical assistance projects in all four states in the region. These projects focused on interventions which improve rural staff development, enhance rural schools' ability to offer coursework, improve the performance of rural at-risk students, and help rural schools organize for school improvement. The measure of success for the projects is the assessment by participants in rural improvement consortia of the program. Appendixes include summaries of interviews with the project participants, student evaluations of distance learning, and evaluation of three workshops. (ALL)

ED 328 379 RC 017 970

Barlowe, Raleigh

Who Owns Your Land?

Michigan State Univ., East Lansing. Cooperative Extension Service.; Southern Rural Development Center, Mississippi State, Miss.

Report No.—SRDC-126

Pub Date—Mar 90

Note—13p.

Pub Type—Historical Materials (060)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Civil Liberties, *Government Role, *Land Use, Public Policy

Identifiers—Legal History, Private Property, *Property Rights, *Public Interest, Public Private Relationship

This document examines the background and the changing nature of property rights from feudal times to the present, and is intended as an educational booklet. The existence of property implies the presence of an owner, an object that can be owned, and a sovereign power to protect the property right. Property involves a number of separable rights, such as right to sell or grant easements and rights to minerals and other interests. Fee simple owners have all the property rights that individuals are permitted to hold, but their rights are not absolute. The powers reserved to the state are the rights to tax, to take for public use (eminent domain), to regulate or control use, and to escheat. In addition, governments have auxiliary powers to influence operators in their land use. Our present concept of property rights has evolved from the feudal tenure system, which viewed the king as the technical owner of all land, at the top of a pyramid of rights. Fee simple ownership reached its height in the late 1700s in England and in the mid-1800s in the United States. After that, the concept was narrowed by expanding interpretations of the powers reserved to the public. The growing acceptance of a larger role for government is related to population growth, rising incomes and living standards, increased competition for available resources, broader education, wider suf-

frage, and growing awareness of conservation and environmental concerns. (SV)

ED 328 380 RC 017 971

Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989).

Southern Rural Development Center, Mississippi State, Miss.

Report No.—SRDC-127

Pub Date—Apr 90

Note—165p.

Available from—Southern Rural Development Center, P.O. Box 5446, Mississippi State, MS 39762.

Pub Type—Collected Works - Proceedings (021)
EDRS Price - MF01/PC07 Plus Postage.

Descriptors—*Conservation (Environment), Elementary Secondary Education, *Extension Education, Postsecondary Education, Public Policy, Risk, Solid Wastes, *Waste Disposal, *Water, Water Pollution, *Water Quality, Water Resources, Workshops

Identifiers—*Cooperative Extension Service, Hydrology, Public Policy Education

A training workshop for Southern Extension faculty and staff addressed aspects of water quality and related issues. Conference papers discussed: (1) basic information on hydrology—the science of water transport through the natural environment; (2) sources and impacts of water pollution; (3) the role of public policy in water quality protection; (4) risk assessment and risk management related to toxic and carcinogenic chemicals; (5) an extension training program entitled "Pesticide Usage and Its Potential Impact on Surface and Ground Water Quality"; (6) the conceptual basis for public policy education, and suggested subtopics and formats for extension education on water policy; and (7) extension education programs on water supply and wastewater management. This proceedings contains materials from a solid waste management workshop: activities and lesson plans about litter, recycling, and composting for grades 1-12; a bibliography with 129 citations; and a list of free materials and audio-visual materials available on loan from the Washington Department of Ecology Resources. Also included are summaries of 13 roundtable discussions and concurrent sessions on toxic substances, public policy education, water supply and wastewater management, and solid waste management. (SV)

ED 328 381 RC 017 972

Hall, Jean M. Ed.

Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

Southern Rural Development Center, Mississippi State, Miss.

Spons Agency—Alabama A and M Univ., Normal; Alabama Cooperative Extension System, Montgomery; Tennessee Valley Authority, Knoxville.

Report No.—SRDC-134

Pub Date—Apr 90

Note—70p.; Also sponsored by the Community Action Agency of Huntsville/Madison and Limestone Counties.

Pub Type—Collected Works - Proceedings (021) — Opinion Papers (120)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Economic Development, Educational Needs, *Educational Objectives, *Education Work Relationship, Elementary Secondary Education, *Government Role, *Labor Force Development, Postsecondary Education, Role of Education, Rural Areas, *Rural Development, Rural Education

Identifiers—*United States (South)

The conference brought Southern state and local leaders together to discuss ways to revitalize depressed rural areas and to improve citizens' quality of life. Papers discussed: (1) goals for rural educational improvement; (2) human resource barriers to community and economic development in the South; (3) survey results indicating that Alabama engineering schools are not sufficiently funded to provide the programs needed for economic growth in the state; (4) U.S. industry in transition and its need for a skilled work force; (5) partnerships among business and industry, schools, and government to combat "workforce illiteracy"; (6) strengthening the 2-year college's role in economic development; (7) fostering economic development and entrepreneurship through economic education

in grades K-12; (8) the Alabama Governor's Rural Development Initiative projects; (9) trends in Alabama's recent economic progress; (10) trends in rural Tennessee's economic development, jobs, and education; (11) projects and publications of the Southern Rural Development Center linking education and economic development; (12) a regional approach to rural economic development; (13) programs of the Tennessee Valley Authority's Skills Development Department; (14) the role of federal legislation, the Cooperative Extension System, and the U.S. Department of Agriculture in rural development; and (15) the role of education in economic development. (SV)

ED 328 382 RC 017 974

Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990).

Southern Rural Development Center, Mississippi State, Miss.

Report No.—SRDC-130

Pub Date—Jun 90

Note—171p.

Pub Type—Collected Works - Proceedings (021)
EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Community Development, *Economic Development, Elementary Secondary Education, Extension Education, *Human Capital, Labor Force Development, Postsecondary Education, *Role of Education, Rural Areas, *Rural Development, *Rural Extension

Identifiers—*Cooperative Extension Service, *Infrastructure, Regional History, *United States (South)

Cooperative Extension Service personnel from 13 Southern states attended a conference on rural revitalization, focusing on Extension's role in (1) economic development, (2) human capital, and (3) infrastructure; 17 of the 22 papers presented are divided among those categories. Three of the remaining papers provide respectively, an overview of the South's political and economic history, educational history and trends, and need for new leadership; suggestions for needed changes in the structure and role of the Cooperative Extension System; and an outline of public policy perspectives on rural revitalization. Two other papers briefly discuss Extension's role in enhancing the quality of life and the foundations and challenges of rural America. Presentations in the economic development section discuss Extension education's role in rural economic development and entrepreneurship, major trends shaping the business environment in the 1990s, recent federal legislation related to rural development, paradigms for building community leadership programs, value-added activities, three case studies of rural industrial development, and three case studies of home-based or small business development. Papers in the human capital section discuss education as empowerment; job and labor force trends in the 1990s; a resource development approach to community health issues; a community program to develop decision-making skills in adolescents; and combating the problems of adult illiteracy and high school dropouts through a partnership of family, school, and community. Papers in the infrastructure section discuss the relationship between infrastructure and economic development, the need for strategic capital improvement planning, local infrastructure needs in the rural South, strategies for improving housing at the community level, wastewater management, and Extension's role in strengthening Georgia's community health infrastructure. (SV)

ED 328 383 RC 017 976

Stone, Deanne

Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four.

Far West Lab. for Educational Research and Development, San Francisco, Calif.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0009

Note—7p.

Pub Type—Information Analyses (070)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary Secondary Education, *Faculty Mobility, Faculty Recruitment, Rural Education, *Rural Schools, Small Schools, *Teacher Employment, *Teacher Recruitment, Teachers, Teacher Selection, Teacher Shortage,

***Teacher Supply and Demand**

Rural schools are having difficulty recruiting and retaining teachers. The national teacher turnover rate is 6% annually, but in rural areas reaches 30% to 50%. Rural teachers often leave due to social, cultural, geographic, and professional isolation. They are often unprepared for rural realities that demand knowledge in multiple subjects and know-how, in conducting a range of school activities. Few universities offer preservice programs that prepare teachers for rural jobs. Recruiting teachers for rural settings requires effective recruitment strategies targeting persons with a rural background. Realistic marketing is the key in this effort, and it would stress the real benefit in teaching in rural schools, such as few discipline problems, less red tape, more personal contact, and greater chance for leadership. Retaining rural teachers requires the coordinated effort of the school and the community. The community can recognize the new teachers' accomplishments and invite them to participate in various activities. The school can ease the new teachers' transition by: (1) assigning a mentor; (2) streamlining paperwork; (3) providing a well-planned inservice program; and (4) arranging released time for visiting other teachers' classrooms. Universities need to prepare teachers for service in rural areas and need to develop cost-effective distance learning courses to keep rural teachers current and up to date. This paper includes 18 references. (ALL)

ED 328 384 RC 017 977

Bradshaw, Dean H. Desser, Karen

Audiographics Distance Learning: A Resource Handbook.

Far West Lab. for Educational Research and Development, San Francisco, Calif.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Sep 90

Contract—400-86-0009

Note—74p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Computer Software, Costs, *Distance Education, *Educational Equipment, Elementary Secondary Education, Purchasing, Rural Schools, Teaching Methods, Telecommunications
Identifiers—*Audiographics

One of today's most promising and least costly interactive distance learning systems is audiographics—the combined use of voice transmission, computer networking, and telefax transfer of materials. This handbook is a guide for educators interested in developing an audiographics program. Section I looks at reasons why both rural and urban educators have turned to audiographics and the ways it is used in different school settings. Section II compares features and costs of two-way television, one-way television with audio return, and audiographics. Section III describes audiographics hardware and software, system capabilities and suggested accessories, and software systems marketed by vendors. Section IV outlines steps in procuring and installing an audiographics system, emphasizing the importance of installing a complementary telephone system. Section V offers advice from teleteachers and school administrators on how to set up school schedules and teacher training for audiographics. Section VI lists some teaching strategies that audiographics users have found effective, and gives examples of materials created by teleteachers. Section VII looks at distance learning's future. Appendices contain a glossary of major technology terms, evaluation data about the effectiveness of audiographics, addresses of distance-learning educators willing to be resource persons, and prices and vendors of audiographics hardware and software. (SV)

ED 328 385 RC 017 979

Gala, Nancy

Positive Self-Esteem Can Protect Native American Youth. How Can We Help?

Native American Development Corp., Washington, DC.

Spons Agency—Office of Elementary and Secondary Education, Washington, DC. School Improvement Programs.

Pub Date—[89]

Note—28p.

Available from—Native American Development Corporation, 1000 Connecticut Avenue, NW, Suite 1206, Washington, DC 20036.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Adolescents, Adventure Education, American Indians, *Community Programs, Peer Groups, Peer Influence, Prevention, *Self Esteem, *Social Support Groups, *Substance Abuse, Tribes, *Youth Programs

Identifiers—Girl Scouts of the USA, *Native Americans

Alcohol use is three times greater among Indian youth than among adolescents in general. Research suggests that an adolescent's decisions concerning substance abuse may be tied to self-esteem and to peer associations and activities. This booklet examines three types of programs that have been successful in building positive self-concepts and peer support groups among Native American youth. The Eastern Band of Cherokee (North Carolina) sponsors the Cherokee Challenge program. This program involves 45 adolescents and their families in weekly meetings and monthly outdoor challenge activities that foster self-confidence, problem-solving skills, and group communication and trust. Working with an outreach worker, the Pascua Yaqui tribe in southern Arizona has adapted the national Girl Scout program to its community needs. The national organization provided assistance in getting the local program organized, training for volunteer leadership, program materials, access to camping facilities, and recognition for scouts and leaders through established awards and achievement programs. Window Rock Public High School on the Navajo Reservation (Arizona) has a peer support program for youth struggling with problems of their own or someone else's substance abuse. Groups of about seven students and two trained adult facilitators meet weekly to help students explore their self-identity and cultural identity, build self-worth, and reinforce good choices. Contact information is provided for each program. (SV)

ED 328 386 RC 017 980

Darling, David L. Sisk, Ensley J.

Answering The "How" Question In Community Development.

Pub Date—25 Oct 90

Note—10p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Change Agents, Community Action, *Community Change, *Community Development, *Community Involvement, Community Leaders, *Community Planning, *Extension Agents, Extension Education, Social Action
Identifiers—Strategic Planning

A new county extension agent, having community development responsibilities, will be concerned with identifying projects, organizing for action, identifying key people for the projects, and identifying the resources needed to undertake new initiatives. Three methods of community action planning are discussed step by step. The social action process emphasizes the initiatives made by community citizens that can be legitimized and diffused among the public. The planning process stresses a clear, linear, logical form of rationale. Often planners stop with a written plan, leaving action to be taken by the community. The strategic planning process is the latest development in the community planning. Focusing on key issues and involving all interested citizens, strategic planning addresses questions of "What do we want this community to be like in ten years?" This process is an ongoing process that covers an immediate, intermediate, and longrange planning horizon. The planning process is useful to a new, inexperienced community group focusing on their internal plans. The strategic planning process is useful to guide an experienced group focusing on community economic development. The social action process is the one an agent should always use for a personal guide when involved in any new community development initiatives. (ALL)

ED 328 387 RC 017 982

Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region. Northeast Regional Center for Rural Development, University Park, PA.

Spons Agency—Extension Service (DOA), Washington, D.C.

Pub Date—[90]

Note—25p.

Available from—Northeast Regional Center for Rural Development, The Pennsylvania State University, 104 Weaver Building, University Park, PA 16802.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Extension Education, *Land Grant Universities, Land Use, Natural Resources, Policy Formation, Regional Cooperation, Research Coordinating Units, *Research Needs, Research Opportunities, *Rural Areas, *Rural Development, Rural Economics, *Rural Extension, Socioeconomic Influences, Urbanization

Identifiers—*United States (Northeast)

Using a pamphlet format, the Ad Hoc Rural Development Committee of the Northeast Regional Center for Rural Development formulated a working agenda that addresses the challenges and opportunities of rural development research and extension programming. The agenda establishes the need for emphasizing rural development in the Northeast, and presents four issues: (1) constructively using the natural environment in an urbanizing region; (2) enhancing rural economic productivity and adaptability; (3) enhancing institutions that contribute to the well-being of individuals, families, and communities; and (4) enhancing policy leadership, management, capacity, and strategic planning to support rural community viability. The land-grant university cooperative extension system should continue to deliver educational programs that address the needs of rural residents, but should consider: (1) establishing interdisciplinary teams created to fit the nature of the particular problem it seeks to resolve; (2) coordinating efforts in rural development with various organizations within and outside a single state's land-grant university; and (3) strengthening its leadership role in rural development. The pamphlet contains a table listing the metro and nonmetro populations for each of the states in the Northeast and the change in population between 1980 and 1990. (KS)

ED 328 388 RC 017 983

Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help?

Native American Development Corp., Washington, DC.

Spons Agency—Office of Elementary and Secondary Education, Washington, DC. School Improvement Programs.

Pub Date—[90]

Note—20p.

Available from—Native American Development Corporation, 1000 Connecticut Ave., NW, Suite 1206, Washington, DC 20036.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*American Indians, *Community Action, Community Problems, Community Resources, *Grief, Social Support Groups, *Stress Variables, *Substance Abuse, Tribes, Youth
Identifiers—Healing, *Native Americans, *Post-traumatic Stress Disorder, Support Systems

Stress can make a person more apt to abuse alcohol and drugs. Based on interviews with Phil Tingley, president of the National Indian Social Workers Association, this booklet suggests that some Native American youth are victims of a special kind of stress—post-traumatic stress (PTS). PTS symptoms are delayed mental and physical responses to severe trauma. Secondary PTS may affect individuals close to someone affected by severe trauma. For the past five generations, Native Americans have experienced one cultural and individual trauma after another. Many Indian youth are caught up in an accelerating spiral of pain and despair. New primary traumas occur as negative behaviors generated by PTS take their toll. The desire for relief increases, and alcohol and drugs offer escape. To deal with PTS, Native Americans, as a community, must allow themselves to experience the grief process. Grieving often leads to anger and a search to establish blame, but this process can result in accepting and forgiving the behavior of oneself and others and focusing on healthy choices for the future. Indian communities have the power to heal themselves by drawing on traditional cultural practices for confronting problems. As trauma is confronted, the release may be explosive and help may be necessary. Resources are available within the tribe. Community events and ceremonies that strengthen tribal and family support networks can significantly help people struggling with PTS. (SV)

ED 328 389 RC 017 984

Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing.

Native American Development Corp., Washington,

DC.
Spons Agency—Office of Elementary and Secondary Education, Washington, DC. School Improvement Programs.
Pub Date—[88]

Note—25p.
Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Community Action, Community Centers, Community Programs, Family Counseling, Family Programs, Milieu Therapy, Rehabilitation Centers, Reservation American Indians, Substance Abuse, Therapeutic Environment, Tribes

Identifiers—Confederated Salish and Kootenai Tribes, Cultural Values, Healing

The best means for fighting alcohol abuse in a Native American community is one that has been developed by the community itself. The Blue Bay Healing Center of the Confederated Salish and Kootenai Tribes (Flathead Indian Reservation, Montana) is an example of two tribes taking responsibility for alcoholism and its control. In designing and operating Blue Bay, the Salish-Kootenai people used a six-step process: looking at the problem face-on, assessing relevant cultural values, identifying four healing principles that support tribal values, assessing local resources, outlining and implementing an action plan, evaluating and starting the process over again. An earlier program focusing on detoxification had not been successful. The tribe set aside 10 acres with old lodges and cabins as a healing center. When an individual returns from residential treatment, he or she is joined by family members at the center, in an environment supported by trained staff and other recovering tribal members. Together the family learns about alcoholism, practices Indian traditions, learns parenting and intra-family communication techniques, and identifies its own resources. The healing center also offers special short-term residential learning programs (such as for young children of alcoholics), hosts social support groups, and provides a place for sober community recreational activities. (SV)

ED 328 390 RC 017 985
Kassab, Cathy

The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities.
Pub Date—Aug 90

Note—28p.; Paper presented at the Annual Meeting of the Rural Sociological Society (Norfolk, VA, August 8-11, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Community Change, Economic Change, Economic Impact, Employed Women, Employment Patterns, Family Income, Labor Force, Labor Market, Rural Urban Differences
Identifiers—Service Sector, United States (Mid Atlantic States)

This paper examines the impact of increasing service sector employment and decreasing manufacturing employment on the distribution of income across communities on the urban-rural continuum. Changes in the differential distribution of industries and family income across this continuum have important consequences for local services, including education. Robust regression statistics were used to analyze census and Dun and Bradstreet data from 1970-80 for all 642 communities in New Jersey, New York, and Pennsylvania, excluding New York City and Philadelphia. The effect of increasing service sector employment on income distribution was mediated through increasing levels of female labor force participation and the position of the community in the urban hierarchy (based on population size and family income). As high-wage manufacturing jobs were lost, women increased their contribution to the local economy through employment in low-wage industries. The positive impact of increasing numbers of female workers on the community's position in the hierarchy was stronger in smaller communities. Communities with local economies dependent on the high-wage manufacturing sector lost position in the hierarchy. Despite the occurrence of economic growth in rural communities, discrepancies in the distribution of income between smaller and more urbanized centers increased, probably due to differential location of low-wage and high-wage service firms. However, the smallest and largest places experienced the greatest declines in income. Implications for economic development policy are discussed. This paper contains 26 references. (Author/SV)

RIE JUN 1991

ED 328 391 RC 017 987

Schukenberg, L. J.

R.I.P.: Registration Involving Parents.

Pub Date—30 Oct 90

Note—15p.; Paper presented at the Small Schools Conference: Images for a New Age (Manhattan, Kansas, October 29-30, 1990).

Pub Type—Speeches/Meeting Papers (150)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Course Selection (Students), High Schools, Orientation Materials, Parent Participation, Parent School Relationship, School Registration, Small Schools

Identifiers—Kansas

The Registration Involving Parents Program was instituted at Hill City High School, Kansas to: (1) keep parents informed of academic goals of students; (2) allow teachers to be more directly involved in the goal-setting of students; (3) reduce class schedule changes after the beginning of the school year; (4) force students to justify choices and changes with valid reasons; and (5) enable faculty members to become more informed about other departments. This packet of materials contains the script of a descriptive slide presentation, a sample page from a course description booklet, a list of graduation requirements, a registration form, a pre-enrollment form, and a description of the enrollment procedures. (ALL)

ED 328 392 RC 017 988

Spears, Jacqueline D. And Others

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce.

Kansas State Univ., Manhattan. Rural Clearinghouse for Education and Development.

Spons Agency—Ford Foundation, New York, N.Y.
Pub Date—Jul 90

Note—81p.; For a related document, see ED 326 362.

Pub Type—Reports - Research (143) — Information Analyses (070) — Tests/Questionnaires (160)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Education, Case Studies, Economic Development, Elementary Secondary Education, Entrepreneurship, Rural Development, Rural Education, Rural Environment, Rural Schools, School Community Programs, School Community Relationship, Social Services
Identifiers—Educational Diversity, Nebraska, South Dakota

Rural America has been experiencing dramatic changes and is becoming an increasingly diverse society. To explore the process by which rural schools define and work towards change, case studies were conducted on two rural schools that have established unusually strong links with their communities. Information was collected by personal interviews with school personnel, students, and community members. The two case study sites, Belle Fourche, South Dakota, and York, Nebraska, developed programs to consistently work with the community. Both communities are struggling, however, facing increased social and economic needs at a time when fiscal resources and the population are decreasing. Belle Fourche uses the entrepreneurial curriculum as a vehicle to link the school to community development efforts; York has broadened a community education effort to coordinate social services for lifelong learning among the community's adults. In relation to the case studies, the document also reviews the decade-old themes that the rural school should be involved in local development. It focuses on (1) the reciprocal benefits for educational and economic development between the school and the community; (2) involvement of rural schools in community social services; and (3) rural schools' active role in lifelong learning for community adult members. A list of resource persons, a case study framework and questions, and a 45-item bibliography are included. (ALL)

ED 328 393 RC 017 989

Stutzman, Esther

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

Coos County Indian Education Coordination Program, Coos Bay, OR.

Spons Agency—Department of Education, Washington, DC.

Pub Date—90

Note—40p.

Available from—Coos County Indian Education Coordination Program, 9140 Cape Arago Highway, Coos Bay, Oregon 97420-9645 (\$5.00 includes shipping and handling).

Pub Type—Guides - Classroom - Learner (051) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—American Indian Culture, American Indian History, American Indians, American Indian Studies, Cultural Background, Elementary Secondary Education, Holidays, Resource Materials, Resource Units, Teaching Guides, Units of Study

Identifiers—Thanksgiving

This resource guide contains information designed to correct historical distortions about American Indians and to dispel the stereotypical image of the American Indian culture. The booklet includes: (1) a historical timeline that matches major developments in Europe, Asia, and American Indian histories; (2) a description of the Indian view of creation and prehistory of North America; (3) a description of the encounters of Columbus with Caribbean natives; (4) a listing of the misconceptions presented by Hollywood and other media; (5) the real Thanksgiving story; (6) maps of the tribes and agricultural/hunting areas of North America; (7) a student activity guide and activities including coloring pages, maze, word search, dot to dot, and picture pages. Also included is a critique of the inaccuracies of a commercially prepared Indian Thanksgiving decoration. The materials in this guide were developed for use on the fourth grade level, although the background information could be adapted for use at any level. (ALL)

ED 328 394 RC 017 992

Meeting of National Specialists on the Conditions

Governing the Schooling of the Children of Mobile Populations. Final Report (Confans-Sainte-Honorine, France, September 11-15, 1989).

United Nations Educational, Scientific, and Cultural Organization, Paris (France).

Pub Date—Oct 89

Note—33p.; Appendix contain broken and faint type.

Pub Type—Collected Works - Proceedings (021)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Demography, Elementary Secondary Education, Foreign Countries, Migrant Children, Migrant Education, Migrant Programs, Mobility, Nomads, Population Distribution, Student Mobility, Transient Children

This report of proceedings summarizes a meeting held for facilitating the exchange of information between 27 educational specialists from 8 member states of the United Nations Educational Scientific and Cultural Organization. These specialists held positions of responsibility in connection with the education of children belonging to families that, for occupational or socio-cultural reasons, were itinerant, or to children belonging to nomad population groups such as Gypsies, boatmen or bargemen, certain categories of seasonal workers, and other mobile population groups. The discussions covered several aspects of the problem of schooling the children belonging to these groups: (1) socio-cultural and socio-economic factors; (2) social and family structures; and (3) teaching methods and learning in conditions of mobility. This document summarizes the plenary session and the meetings of the French- and English-speaking groups. A list of suggestions for action and research are included. The Appendix contains a list of participants. (ALL)

ED 328 395 RC 017 993

Thiel, Russell

Micro Labs for High School Chemistry.

Pub Date—Oct 90

Note—29p.; Paper presented at the Annual Rural and Small School Conference (20th, Manhattan, KS, October 29-30, 1990).

Pub Type—Guides - Classroom - Teacher (052) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Chemistry, High Schools, Laboratory Equipment, Laboratory Experiments, Laboratory Procedures, Learning Activities, Lesson Plans, Resource Materials, Science Instruction, Secondary School Science, Small Schools

Identifiers—Microlabs

This resource guide provides information for 13 laboratory experiments designed to be conducted in small schools with limited equipment and materials.

For each experiment, the document outlines necessary equipment and materials, experiment procedures, and questions to be answered. The experiments are: (1) studying the properties of water; (2) floaters and sinkers; (3) drop height; (4) Boyle's Law; (5) hydrogen and oxygen generation; (6) the molar volume of a gas; (7) sodium hydrogen carbonate stoichiometry; (8) ammonia fountain; (9) ionic reactions; (10) chromate-dichromate equilibrium; (11) introduction to chemical thermodynamics; (12) rates of chemical reactions; and (13) finding the detection limit for calcium with ethylenediamine tetraacetic acid (EDTA). A list of resource persons is included. (ALL)

ED 328 396

RC 017 995

Milstein, Mike And Others

Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach.

Pub Date—Oct 90

Note—16p.; Paper presented at the Annual Meeting of the University Council for Educational Administration (Pittsburgh, PA, October 1990). Type on several pages darkened by toner.

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Administrator Education, Consortia, *Educational Administration, Educational Planning, Elementary Secondary Education, Graduate Study, Higher Education, *Intercollegiate Cooperation, *Leadership, Masters Programs, *Rural Schools, School Districts

Identifiers—*Educational Leadership, *New Mexico

Educational administration faculty from five public higher education institutions in New Mexico formed a consortium to address the need for effective educational leaders in rural school districts. Members established the New Mexico Partners for Educational Leadership (PEL), composed of faculty from the five universities, leading educational administrators from New Mexico's rural school districts, selected school board members, and high-ranking officials from the State Department of Education. They developed the following strategies: (1) establishment of regional "pools" of rural school districts to facilitate the identification of potential leaders and provide supervision and subsequent placement; (2) development of a state-wide assessment center for selecting candidates of the preparation program; (3) professional development for preparation program faculty members; and (4) establishment of common standards for admissions and programmatic expectations across the five universities' preparation programs. During the next phase (1991-1992), faculty will deliver programs for candidates and establish cooperative arrangements for site supervision and placement in administrative positions. Concerns for the future are the cohesiveness of PEL, funding sources, availability of candidates, cooperation among university faculty, and support of school districts. (KS)

ED 328 397

RC 017 996

Poppish, Susan And Others

Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study.

Pub Date—16 Nov 90

Note—33p.

Pub Type—Reports - Descriptive (141) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Ability Grouping, Classroom Techniques, English, *Heterogeneous Grouping, High Schools, Rural Schools, Small Schools, Social Studies, *Student Attitudes, Student Evaluation of Teacher Performance, Student Motivation, *Track System (Education)

Evidence suggests that tracking of students on the secondary level may not only be discriminatory, but also counterproductive to the personal, educational, and economic potential of all students. The English and Social Studies department of Oak Hill High School, in Wales, Maine, developed an intervention program concerning heterogeneous grouping for the 9th and 10th grades. The school is small, with 400-450 students, and is considered rural or suburban. During the 1988-89 and 1989-90 academic years, the program integrated the mid and upper tracks of students for English and Social Studies classes. Evaluations based on student surveys and faculty observations concluded: (1) students experienced a high degree of self-esteem; (2) teachers per-

ceived that the self-esteem of the mid-level student was elevated; (3) students had a positive perception of the learning environment; (4) staff ability to manipulate the learning environment increased; (5) teachers preferred heterogeneous groups; (6) student level of motivation increased; (7) students took responsibility for their learning; (8) students participated in class activities with a positive perception; (9) teachers diversified and improved teaching strategies; (10) classes became more student-centered, participatory, and interactive; and (11) teachers observed a decrease in the gap between the performance and stigmatized roles of the mid and upper level student. This document contains numerous data tables and a bibliography. (ALL)

ED 328 398

RC 017 997

Rosborough, E. Marie

What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.?

Pub Date—[90]

Note—9p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Administrative Problems, Administrator Attitudes, *Capital Outlay (for Fixed Assets), Elementary Secondary Education, Mail Surveys, *Rural Education, *Rural Schools, School Districts, State Aid, *Superintendents

Identifiers—*South Carolina

This paper reports on a 1989 survey administered to superintendents of the 24 South Carolina school districts considered to be 100% rural. The purpose of the survey was to identify the most critical problems or concerns facing rural school districts in the 1990s. The superintendents were asked to rate 28 different items as being a critical problem or concern, somewhat of a problem or concern, or not a problem or concern. The survey was completed by 19, or 79 percent, of the administrators. Most superintendents rated most items either somewhat of a problem or critical problem or concern. The most critical problems or concerns were: (1) low funding for capital improvements; (2) increasing costs of fringe benefits; (3) increasing demands of federal and state programs; (4) funding; and (5) high costs of maintenance of facilities; and (6) recruitment of minority teachers. When asked if the problems could be solved, 68 percent of the superintendents answered in the affirmative. The survey indicated that most superintendents agreed that increased state-level funding and support for education has to be part of the solution if significant improvements are going to be realized by South Carolina's 100% rural school districts. (ALL)

ED 328 399

RC 017 998

Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools.

Southwest Educational Development Lab., Austin, Tex.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

Contract—400-86-0008

Note—299p.; Contains variety of pagination.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC12 Plus Postage.

Descriptors—Educational Improvement, *Educational Planning, Elementary Secondary Education, *Improvement Programs, Models, Participative Decision Making, *Rural Schools, *Small Schools, *Staff Development, *Team Training, Teamwork, Transparencies

Identifiers—*School Leadership Teams

This document is a stand-alone training package for staff development providers in rural small schools. Based on research and best-practice information, the school improvement model used promotes cooperation, content transferability, and adaptations for long-term program maintenance. The underlying assumptions of the model are that when school improvement is to be brought about through staff development, the staff development should be: (1) related to district goals and priorities; (2) focused on the school as the unit of change; (3) planned and implemented by a school leadership team; (4) "participant-oriented"; (5) an ongoing process; and (6) incorporated into the district's planning process. School leadership teams are an integral part of the process. This training is designed to be given in 2 days to a group of 10-30 participants. Each section of the manual contains objectives, preparation, an overview, a trainer script, transparencies to use with the training, and resource

and supplemental materials. Sections: (1) establish the context in which systematic staff development occurs in relation to the history of the effective school movement; (2) define the purpose and composition of the school leadership team; (3) discuss the relationship between district priorities and school goals, and the rationale for conducting a needs assessment; (4) describe the elements in designing staff development activities; (5) explore the steps in implementing a new practice; and (6) address the skills needed for effective team functioning. (SV)

SE

ED 328 400

SE 051 871

Young, John E.

Discarding the Throwaway Society. Worldwatch

Paper 101.

Worldwatch Inst., Washington, D.C.

Report No.—ISBN-1-878071-02-5

Pub Date—Jan 91

Note—48p.

Available from—Worldwatch Institute, 1776 Massachusetts Avenue, N.W., Washington, DC 20036 (\$4.00).

Pub Type—Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Conservation (Environment), Ecology, Energy, *Environmental Education, Environmental Standards, Hazardous Materials, Natural Resources, Pollution, *Recycling, *Wastes

Today's industrial economies were founded on the use of vast quantities of materials and energy, and the economic health of nations has often been equated with the amount they consumed. The amount of materials that originally enters an economy tells nothing about the material's eventual fate or its contribution to human well-being. It tells a good deal, however, about the damage the economy inflicts upon the environment. The devastation wrought by economic production is closely related to the amount of materials consumed. Discussed in this booklet are the causes of waste problems and attempts of people around the world to find alternative solutions to waste problems. Chapters are: (1) "Materials and the Environment"; (2) "The Mess We Are In"; (3) "Changing Products and People"; (4) "Pushing the Limits of Recycling"; and (5) "Discarding the Throwaway Society." (KR)

ED 328 401

SE 051 873

Lee, Ronald R.

The Development and Implementation of a Program To Promote Secondary Level Science Research Education.

Pub Date—Jul 90

Note—184p.; M.S. Practicum Report, Nova University. Contains some broken type which may not reproduce well.

Pub Type—Dissertations/Theses - Practicum Papers (043) — Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Faculty Development, High Schools, *Inservice Teacher Education, Pretests Posttests, *Science Education, *Secondary School Science, *Student Participation, Teacher Effectiveness, Teaching Methods, *Teaching Skills, *Workshops

The insufficient educational backgrounds of secondary level science teachers and lack of student involvement in science were addressed by the implementation of a comprehensive science research program. A pretest was employed to measure the weaknesses of the science teachers at the target school. Learning strategies based upon pretest results were implemented to upgrade the skills of the science teachers. Workshops were developed to instruct the teachers in the area of science research. Results indicate a substantial improvement in the background knowledge of the science teachers. Student participation in science at the target school also improved. Included are the purpose, research and solution strategy, methodology, results, and recommendations. The pretest, the analysis of results, and a research handbook are appended. (Author/KR)

ED 328 402

SE 051 874

Penick, John E., Ed. Meinhard-Pellens, Richard, Ed.

Science/Technology/Society. Focus on Excellence, Volume 1, Number 5.
Iowa Univ., Iowa City. Science Education Center;
National Science Teachers Association, Washington, D.C.

Spons Agency—National Science Foundation, Washington, D.C.

Pub Date—84

Contract—NSF-MST-8216472

Note—109p. For related documents, see SE 051 875-878, ED 243 689-691, ED 281 723-724, and ED 301 408.

Available from—National Science Teachers Association Publications Department, 1742 Connecticut Avenue, N.W., Washington, DC 20009 (\$7.00).

Pub Type—Reports - Descriptive (141) - Opinion Papers (120) - Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Computer Uses in Education, Critical Thinking, Cultural Influences, Demonstration Programs, Ecology, *Elementary School Science, Elementary Secondary Education, Energy, *Environmental Education, *Excellence in Education, *Innovation, Interdisciplinary Approach, Marine Education, Mathematics Education, Science Activities, *Science and Society, Science Curriculum, Science Education, *Secondary School Science, Teaching Methods, Technology Identifiers—Project Synthesis

This document describes 10 examples of innovative and outstanding science/technology/society (STS) programs. These programs were selected using state criteria and at least four independent reviewers. While Project Synthesis offered a desired state, these examples of excellence provided views of what is already a reality. The goals of an exemplary science program are provided along with the criteria for excellence. The programs described are: (1) "Unified Science Modules"; (2) "Solar Project Class"; (3) "Environmental Science"; (4) "Energy and Us"; (5) "Mankind: A Biological and Social View"; (6) "Wallingford Auditing Technical Team"; (7) "Science/Mathematics/Computer Magnet School"; (8) "Contemporary Issues in Science"; (9) "Earthscope"; and (10) "Marine Environmental Program." Also included are a critique on STS and a paper on teaching STS in secondary school. (KR)

ED 328 403 SE 051 875

Penick, John, Ed. Krajcik, Joseph, Ed.
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2.

Iowa Univ., Iowa City. Science Education Center;
National Science Teachers Association, Washington, D.C.

Spons Agency—National Science Foundation, Washington, D.C.

Pub Date—85

Contract—NSF-MST-8216472

Note—105p. For related documents, see SE 051 874-878, ED 243 689-691, ED 281 723-724, and ED 301 408.

Available from—National Science Teachers Association Publications Department, 1742 Connecticut Avenue, N.W., Washington, DC 20009 (\$7.00).

Pub Type—Reports - Descriptive (141) - Guides - Classroom - Teacher (052) - Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Critical Thinking, Demonstration Programs, *Elementary School Science, Energy, *Environmental Education, *Excellence in Education, *Innovation, Interdisciplinary Approach, Intermediate Grades, Junior High Schools, *Middle Schools, Science Activities, *Science and Society, Science Curriculum, Science Education, Teaching Methods, Technology, Zoos Identifiers—Project Synthesis

Ten examples of innovative and outstanding middle school/junior high science programs are described. These programs were selected using state criteria and at least four independent reviewers. While Project Synthesis offered a desired state, these examples of excellence provided views of what is already a reality. The goals of an exemplary science program are provided along with the criteria for excellence. The programs described are: (1) "Seventh Grade Life Science"; (2) "The Rochester Science Program"; (3) "Laboratory at the Zoo"; (4) "PRISM"; (5) Environmental Physical Science";

(6) "9th Grade Earth Science"; (7) "5-8 General Science"; (8) "7th Grade Life Science and 8th Grade Earth Science"; (9) "Life Science, Earth and Physical Science, and Environmental Science"; and (10) "Field Science." A synthesis and critique of middle school/junior high science is presented. (KR)

ED 328 404 SE 051 876

Glass, Lynn W., Ed.

Energy Education. Focus on Excellence, Volume 3, Number 1.

Iowa Univ., Iowa City. Science Education Center;
National Science Teachers Association, Washington, D.C.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-87355-051-X

Pub Date—15 Mar 85

Contract—NSF-MST-8216472

Note—39p. For related documents, see SE 051 874-878, ED 243 689-691, ED 281 723-724, and ED 301 408.

Available from—National Science Teachers Association Publications Department, 1742 Connecticut Avenue, N.W., Washington, DC 20009 (\$7.00).

Pub Type—Reports - Descriptive (141) - Guides - Classroom - Teacher (052) - Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Critical Thinking, Demonstration Programs, Elementary School Science, Elementary Secondary Education, *Energy Education, Environmental Education, *Excellence in Education, *Innovation, Interdisciplinary Approach, Physical Sciences, Science Activities, *Science and Society, Science Curriculum, Science Education, *Secondary School Science, Teaching Methods, Technology Identifiers—Project Synthesis

Eight examples of innovative and outstanding energy education programs are described. These programs were selected using state criteria and at least four independent reviewers. While Project Synthesis offered a desired state, these examples of excellence provided views of what is already a reality. The goals of an exemplary science program are provided along with the criteria for excellence. The programs described are: (1) "Pathways to the Future"; (2) "The Best of Energy—\$1,000,000 Energy Challenge"; (3) "The Energy Management Center"; (4) "Energy Education at Houston's Outdoor Education Center"; (5) "The Energy Studies Center: Providing Skills For The Future"; (6) "Poss's Energy Posse"; (7) "Toward an Energy Consciousness"; and (8) "Energy Studies and Physical Sciences." Presented is a critique on excellence in teaching energy education. (KR)

ED 328 405 SE 051 877

Penick, John E., Ed. Krajcik, Joseph, Ed.

Chemistry. Focus on Excellence, Volume 3, Number 2.

Iowa Univ., Iowa City. Science Education Center;
National Science Teachers Association, Washington, D.C.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-87355-052-8

Pub Date—85

Contract—NSF-MST-8216472

Note—52p. For related documents, see SE 051 874-878, ED 243 689-691, ED 281 723-724, and ED 301 408.

Available from—National Science Teachers Association Publications Department, 1742 Connecticut Avenue, N.W., Washington, DC 20009 (\$7.00).

Pub Type—Reports - Descriptive (141) - Guides - Classroom - Teacher (052) - Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Biochemistry, *Chemistry, Critical Thinking, Demonstration Programs, *Excellence in Education, High Schools, *Innovation, Science Activities, *Science and Society, Science Curriculum, Science Education, *Secondary School Science, Teaching Methods, Technology Identifiers—Project Synthesis

Eight examples of innovative and outstanding chemistry programs are described. These programs were selected using state criteria and at least four independent reviewers. While Project Synthesis offered a desired state, these examples of excellence provided views of what is already a reality. The goals of an exemplary science program are provided along with the criteria for excellence. The programs described are: (1) "Chemistry For All"; (2) "Chemistry-Biochemistry"; (3) "Chemical Concepts Through Investigation"; (4) "High School Chemistry—An Equilibrium"; (5) "Using High-Interest Activities"; (6) "Chemistry: Three Courses, Five Levels"; (7) "Individualized Chemistry"; and (8) "Humor in Chemistry." An analysis of exemplars in chemistry is presented. (KR)

ferred a desired state, these examples of excellence provided views of what is already a reality. Included are the goals of an exemplary science program and the criteria for excellence. Programs described are: (1) "Chemistry For All"; (2) "Chemistry-Biochemistry"; (3) "Chemical Concepts Through Investigation"; (4) "High School Chemistry—An Equilibrium"; (5) "Using High-Interest Activities"; (6) "Chemistry: Three Courses, Five Levels"; (7) "Individualized Chemistry"; and (8) "Humor in Chemistry." An analysis of exemplars in chemistry is presented. (KR)

ED 328 406 SE 051 878

Penick, John E., Ed.

Earth Science. Focus on Excellence, Volume 3, Number 3.

Iowa Univ., Iowa City. Science Education Center;
National Science Teachers Association, Washington, D.C.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-87355-060-9

Pub Date—86

Contract—NSF-MST-8216472

Note—43p. For related documents, see SE 051 874-877, ED 243 689-691, ED 281 723-724, and ED 301 408.

Available from—National Science Teachers Association Publications Department, 1742 Connecticut Avenue, N.W., Washington, DC 20009 (\$7.00).

Pub Type—Reports - Descriptive (141) - Guides - Classroom - Teacher (052) - Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Computer Assisted Instruction, Critical Thinking, Demonstration Programs, *Earth Science, Ecology, Energy, Environmental Education, *Excellence in Education, Field Trips, Geology, *Innovation, Science Activities, *Science and Society, Science Curriculum, Science Education, Secondary Education, *Secondary School Science, Space Sciences, Teaching Methods, Technology Identifiers—Project Synthesis

Eight examples of innovative and outstanding earth science programs are described. These programs were selected using state criteria and at least four independent reviewers. While Project Synthesis offered a desired state, these examples of excellence provided views of what is already a reality. The goals of an exemplary science program are provided along with the criteria for excellence. Programs described are: (1) "Computer Assisted Laboratory Science"; (2) "Geology Is"; (3) "Ninth Grade Earth Science"; (4) "Accelerated Earth and Space Science"; (5) "Earth Science for the Twenty-First Century"; (6) "Indoor, Outdoor Earth Science"; (7) "Middle Earth Science"; and (8) "Earth Science Program." A review and critique of earth science exemplary programs is presented. (KR)

ED 328 407 SE 051 881

McArthur, David, and Others

Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds.

Rand Corp., Santa Monica, Calif.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—RAND/N-2974-NSF

Pub Date—Jul 89

Contract—MDR-8751515

Note—16p.

Available from—Rand Corporation, 1700 Main Street, P.O. Box 2138, Santa Monica, CA 90406-2138 (\$4.00).

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Algebra, *Computer Assisted Instruction, *Computer Software, Equations (Mathematics), Mathematics Education, *Mathematics Skills, Models, Program Descriptions, Secondary Education, *Secondary School Mathematics, *Tutorial Programs

This Note describes several versions of an intelligent tutor for basic algebra that have been developed at the RAND Corporation. The versions of the tutor were built around several core components, including an algebra expert system and a student modeling component that can make inferences about misconceptions underlying students' errors.

The different versions help students learn distinct kinds of mathematical reasoning skills. The first discussion concerns the equation-solving tutor, which focuses on the acquisition of relatively low-level symbol manipulation skills. Next, the model-building tutor which helps students acquire important mathematical reasoning skills that are not part of most algebra curricula, including the ability to formulate a mathematical model of real-world situations and to test mathematical hypotheses, is discussed. This document concludes with a discussion of the implications of the tutors for curriculum change. The pedagogical approach implicit in the tutors diverges from most classroom teaching principals. An "embedded" and "global-before-local" practice is advocated. (Author/CW)

ED 328 408 SE 051 882

Darling-Hammond, Linda. Hudson, Lisa

Pre-College Science and Mathematics Teachers:

Supply, Demand, and Quality.

Rand Corp., Santa Monica, Calif.

Spons Agency—National Science Foundation,

Washington, D.C.

Report No.—RAND/N-2845-NSF

Pub Date—Dec 89

Note—59p.

Available from—Rand Corporation, 1700 Main Street, P.O. Box 2138, Santa Monica, CA 90406-2138 (\$4.00).

Pub Type—Information Analyses (070)—Reports—Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Demand Occupations, *Educational Improvement, Elementary School Mathematics, Elementary School Science, Elementary Secondary Education, Higher Education, Mathematics Education, *Mathematics Teachers, Research Needs, Science Education, *Science Teachers, Secondary School Mathematics, Secondary School Science, Teacher Employment, Teacher Recruitment, *Teacher Supply and Demand

Identifiers—*Mathematics Education Research, *Science Education Research

Many reports have pointed to the need to improve the quality of mathematics and science teaching in schools in the United States and to alleviate the shortage of qualified teachers. A policy focus on the teaching force is reinforced by the fact that the ability of the United States to compete in an increasingly technological world economy depends in part on the production of a larger, better, trained scientific workforce, while further educational improvement depends largely on improving the caliber of the teaching force. However, development of appropriate policies for effecting the required changes has been hindered by the lack of data and analyses on the nation's teacher workforce. Without a clear understanding of the scope and qualifications of that workforce, targeted policies are difficult to design and implement. This document reviews the available data on teacher supply, demand, and qualifications, examining both what they reveal about the nature of the mathematics and science teaching force, and how existing data on teacher supply and demand may be better utilized. A list of 70 references is included. (CW)

ED 328 409 SE 051 883

Madison, Bernard L. Hart, Therese A.

A Challenge of Numbers. People in the Mathematical Sciences.

National Academy of Sciences - National Research Council, Washington, D.C. Commission on Physical Sciences, Mathematics, and Resources.

Spons Agency—National Science Foundation, Washington, D.C.; National Security Agency, Washington, D.C.

Report No.—ISBN-0-309-04190-2

Pub Date—90

Note—133p.

Available from—National Academy Press, 2101 Constitution Avenue, NW, Washington, DC 20418 (\$9.95).

Pub Type—Information Analyses (070)—Reports—Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*College Mathematics, *Educational Improvement, Enrollment Projections, Enrollment Trends, Females, Higher Education, High Schools, Mathematics Curriculum, Mathematics Education, Minority Groups, *School Demography, *School Statistics, *Statistical Data

The mathematical sciences, based largely in ac-

ademia, are crucial not only for the development of new knowledge but also as a needed resource in the education of our technological work force. As with other scientific professions, the challenge of meeting the growing need for workers in the face of shrinking supplies will require a program of national action, but the situation in the mathematical sciences is particularly severe. This report describes the circumstances and issues related to the human resources in the mathematical sciences, principally students and teachers at U.S. colleges and universities. It contains data from a large number of existing sources and provides a comprehensive set of data describing the demographic situation in the mathematical sciences. Chapters include: (1) "Introduction and Historical Perspective"; (2) "The U.S. Labor Force and Higher Education"; (3) "College and University Mathematical Sciences"; (4) "Majors in Mathematics and Statistics"; (5) "Mathematical Scientists in the Workplace"; and (6) "Issues and Implications." A list of 123 references, 45 figures, and 22 tables of data are appended. (CW)

ED 328 410 SE 051 885

Westcott, Dale. And Others

Energy and Safety: Science Activities for Elementary Students, Level I (Grades K-2).

New York State Education Dept., Albany; State Univ. of New York, Albany. Atmospheric Science Research Center.

Pub Date—84

Note—98p.; A product of the Energy Education Project. For related documents, see SE 051 886-887.

Pub Type—Guides - Classroom - Teacher (052) EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Electricity, *Elementary School Science, *Energy, *Energy Conservation, Energy Education, Experiential Learning, Laboratory Procedures, Preschool Education, Primary Education, Safety, Science Activities

Twelve activities are presented that focus on a common phenomenon of a child's world: energy. These activities relate energy, how it occurs, how it is used, and how to use it safely. Each activity includes the purpose, introduction, background, procedure, materials, estimated time for the activity, typical results, safety notes, and more ideas. Student worksheets are provided for some steps in the procedure. Activities follow questions such as: Where does energy come from? Can energy change things? Where does heat come from? How can we save energy? Safety is emphasized on many of these worksheets. Take-home letters are also provided so that parents can help children to develop safe energy habits. Included are a glossary, resource section, and a matrix where activities are cross referenced with the understandings, skills, and attitudes listed in the New York State elementary science syllabus. (KR)

ED 328 411 SE 051 886

Westcott, Dale. And Others

Energy and Safety: Science Activities for Elementary Students, Level II (Grades 3-4).

New York State Education Dept., Albany; State Univ. of New York, Albany. Atmospheric Science Research Center.

Pub Date—84

Note—99p.; A product of the Energy Education Project. For related documents, see SE 051 885-887.

Pub Type—Guides - Classroom - Teacher (052) EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Acoustics, *Computer Assisted Instruction, *Electricity, Elementary Education, *Elementary School Science, *Energy, *Energy Conservation, Energy Education, Experiential Learning, Intermediate Grades, Laboratory Procedures, Physics, Safety, *Science Activities, Science Education

Thirteen activities are presented that focus on a common phenomenon of a child's world: energy. These activities relate energy, how it occurs, how it is used, and how to use it safely. Each activity includes the purpose, introduction, background, procedure, materials, estimated time for the activity, typical results, safety notes, and more ideas. Student worksheets are provided for some steps in the procedure. Activities follow questions such as: What is sound and how does it travel? Where does heat go? What is static electricity? and How can we get energy from matter? Safety is emphasized on many of these worksheets. Take-home letters are also provided so that parents can help children to develop safe energy habits. Included are a glossary, resource

section, and a matrix where activities are cross referenced with the understandings, skills, and attitudes listed in the New York State elementary science syllabus. (KR)

ED 328 412 SE 051 887

Westcott, Dale. And Others

Energy and Safety: Science Activities for Elementary Students, Level III (Grades 5-6).

New York State Education Dept., Albany; State Univ. of New York, Albany. Atmospheric Science Research Center.

Pub Date—84

Note—113p.; A product of the Energy Education Project. For related documents, see SE 051 885-886.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Alternative Energy Sources, Chemistry, Electrical Appliances, Electric Batteries, *Electricity, Elementary Education, *Elementary School Science, *Energy, *Energy Conservation, Energy Education, Experiential Learning, Intermediate Grades, Laboratory Procedures, Physics, Power Technology, Recycling, Safety, *Science Activities, Science Education, Solar Energy, Wind Energy

Thirteen activities are presented that focus on a common phenomenon of a child's world: energy. These activities relate energy, how it occurs, how it is used, and how to use it safely. Each activity includes the purpose, introduction, background, procedure, materials, estimated time for the activity, typical results, safety notes, and more ideas. Student worksheets are provided for some steps in the procedure. Activities follow questions such as: How can flowing water run a machine? How can we make work easier? How is a battery made? and Can recycling paper save energy? Safety is emphasized on many of these worksheets. Take-home letters are also provided so that parents can help children to develop safe energy habits. Included are a glossary, resource section, and a matrix where activities are cross referenced with the understandings, skills, and attitudes listed in the New York State elementary science syllabus. (KR)

ED 328 413 SE 051 888

Sharma, Mahesh C., Ed.

NCTM Student Math Notes, January-December, 1990.

Center for Teaching/Learning of Mathematics, Framingham, MA.

Pub Date—90

Note—65p.

Available from—Center for Teaching/Learning of Mathematics, P.O. Box 3149, Framingham, MA 01701.

Journal Cit.—NCTM Student Math Notes; v8 n1-10 Jan-Dec 1990

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Content Area Writing, *Educational Improvement, *Elementary School Mathematics, Elementary Secondary Education, Learning Problems, Mathematics Curriculum, Mathematics Education, *Mathematics Skills, *Number Concepts, Position Papers, *Secondary School Mathematics, Writing Skills

"NCTM Student Math Notes" is published five times a year as a supplement to the "NCTM News Bulletin." This document consists of the five issues published during 1990. Each issue is devoted to a single math topic. The five topics represented here are: (1) "Concept of Number"; (2) "Basic Skills: Development of Number Concepts" (a continuation of "Concept of Number"); (3) "Mathematics and Writing: Showing All Work—Writing in the Mathematics Curriculum: An Introduction"; (4) "Math Self-Help Video Program" including student work sheets; and (5) "Dyslexia, Dyscalculia, and Some Remedial Perspectives for Mathematics Learning Problems." (CW)

ED 328 414 SE 051 889

Biermann, Carol A. Sarinsky, Gary B.

The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curriculum on Performance in Follow-up Biology Courses at the Community College Level.

Pub Date—90

Note—25p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, *Biology, *College Science, Community Colleges, *Experi-

ential Learning, Inquiry, Laboratories, *Remedial Instruction, Remedial Programs, Science Curriculum, Science Education, *Science Instruction, Teaching Methods, Thinking Skills, Two Year Colleges, Two Year College Students

The purpose of this investigation was to compare two different methodological techniques of a biology preparatory course in order to determine which curriculum's methodological techniques were most effective in preparing biology students for follow-up biology courses as measured by course grades. One was based upon laboratory hands-on experiences and the other upon mathematics and reading remediation. The results show that the hands-on course grades were significantly better than that of the control and the remediation-based groups. The document includes the abstract, introduction, background, student characteristics, a comparison of the two biology curricula, purpose of the study, hypotheses, procedures and experimental design, data collection and analysis results, conclusions, discussion and significance, and a list of 13 references, 3 figures, and 7 tables. (KR)

ED 328 415 SE 051 890

Science 10. Course of Studies, Draft.
Alberta Dept. of Education, Edmonton.
Pub Date—90

Note—29p; Original printed on brightly colored paper, therefore quality of reproductions may be diminished.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Biology, Chemistry, Course Content, Curriculum Guides, Energy, Experiential Learning, Foreign Countries, *Interdisciplinary Approach, Physics, Problem Solving, Program Descriptions, *Science and Society, *Science Curriculum, Science Education, Scientific Literacy, Secondary Education, *Secondary School Science, *Student Attitudes, Technology, Thinking Skills

Identifiers—*Alberta

An integrated program is presented that focuses on helping students understand the scientific principles behind the natural events they experience and the technologies they use daily in their lives. Students' abilities are developed to ask questions, investigate and experiment, gather, analyze and assess scientific laws and principles and their applications. In the process, students exercise their creativity and develop critical thinking skills. Through experimentation, problem-solving activities and independent study, students develop an understanding of the processes by which scientific knowledge evolves. Included are the program rationale and philosophy, general learner expectations, specific learner expectations, and a course overview. The four units are: (1) "Energy from the Sun"; (2) "Matter and Energy in Living Systems"; (3) "Matter and Energy in Chemical Change"; and (4) "Energy and Change". Each unit contains an overview, attitudes encouraged of students, major concepts, science knowledge, science skills, and science-technology-society connections. This final draft is being used to prepare support material and to validate the course of studies. (KR)

ED 328 416 SE 051 891

Yager, Robert E. Bonnstetter, Ronald J.
The Practices of Teachers Who Develop Exemplary Science Programs.

Pub Date—[90]

Note—13p.

Pub Type—Information Analyses (070)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—"Demonstration Programs, *Educational Assessment, *Elementary School Science, Elementary Secondary Education, Process Education, Science and Society, Science Education, Scientific Literacy, *Secondary School Science, *Teacher Effectiveness, *Teaching Methods, Technology

Identifiers—Educating Americans for the 21st Century, Iowa Honors Workshop, Project 2061 (AAS), Project Synthesis

This document presents recommendations and generalizations from Project Synthesis, Educating Americans for the 21st Century, National Science Teacher Association Excellence Programs, and the Iowa Honors Workshop concerning the 861 teachers who were part of exemplary programs. Specific teaching strategies are listed that are associated with standard and exemplary teaching. Five proposed domains for science teaching and assessment include concepts, process, creativity, attitude, and

connections and applications. Contrasts between student outcomes of classrooms taught by typical teachers and exemplary teachers are listed under each domain. Included are the results obtained when exemplary teachers assessed student growth in the five domains using a standard textbook format versus a science/technology/society (STS) framework. It was determined that teachers who use exemplary practices are able to stimulate growth in their students in all domains other than concept mastery to a far greater degree than when standard teaching practices are employed. Ten features of exemplary programs produced by exemplary teachers are listed. (KR)

ED 328 417 SE 051 892

Haney, Richard E.
Back to the Future of Science and Math Education.

Pub Date—90

Note—19p; Paper presented at the Annual Meeting of the School Science and Mathematics Association (Cincinnati, OH, October 13, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—"Elementary School Mathematics, *Elementary School Science, Elementary Secondary Education, Mathematics Curriculum, Mathematics Education, *Program Descriptions, *Program Evaluation, Science Curriculum, Science Education, Science Education History, *Secondary School Mathematics, *Secondary School Science

Identifiers—Project 2061, Project Synthesis

Some successful innovations and their underlying rationales that were implemented 50, 60, and 70 years ago could be useful in solving many educational problems. Of major concern are the gap between the actual science and mathematics curricula in most schools and the demands placed on everyday living in the modern world dominated by technology and the gap between the actual science and mathematics program in most schools and the needs, interests and abilities of the particular students in those schools. Current reforms such as Project 2061, Project Synthesis, and the National Science Teachers' Association's project on scope, sequence, and coordination are discussed. Integrating science with other subjects, progressive education, and other historical projects are also examined. Included are examples of innovative programs found in the United States. (KR)

ED 328 418 SE 051 893

Great Lakes Education Booklet, 1990-1991.
Michigan State Dept. of Natural Resources, Lansing.

Pub Date—90

Note—33p; This booklet is supplemented by a large wall poster that cannot be microfilmed.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Conservation, (Environment), *Elementary School Science, Elementary Secondary Education, *Environmental Education, Estuaries, Instructional Materials, Interdisciplinary Approach, *Resource Materials, Science Education, *Secondary School Science, Water Pollution, Water Quality, *Water Resources

This booklet integrates science, history, and environmental education to help students acquire a basic understanding of the importance of the Great Lakes located in the United States. The packet also contains a Great Lakes Basin resource map and a sand dune poster. These materials introduce students to a brief history of the lakes, the diversity of freshwater aquatic life, the complexity of the Great Lakes watershed, and environmental concerns. Appended are a listing of Great Lakes educator resources, field trip/educational opportunities, and educational tools for those teachers who may wish to pursue additional Great Lakes environmental educational opportunities. (KR)

ED 328 419 SE 051 894

Edgerton, Richard T.
Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum.

Pub Date—[90]

Note—21p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—"Integrated Curriculum, *Interdisciplinary Approach, *Mathematics Curriculum,

Mathematics Education, Program Evaluation, Questionnaires, Secondary Education, *Secondary School Mathematics, Teacher Attitudes

This paper describes the adoption of an integrated mathematics curriculum for secondary school students. The decision to adopt this type of curriculum was based upon a one-year review of available curricula and involved many of the teachers that would be impacted, all secondary school mathematics department heads, and the district school board. As a way of determining the problems, issues, and indicators of success of the integrated mathematics adoption, the district surveyed the Integrated Mathematics I teachers near the end of the first year of the adoption. A majority of the teachers (83%) preferred to continue with the integrated program instead of returning to the traditional algebra, geometry, algebra/trigonometry sequence. The results and summary of that survey are included. Appended are a copy of the questionnaire and the numerical results. (KR)

ED 328 420 SE 051 895

Strauss, Valerie Sullivan, Monica, Ed.
America's Growing Dilemma: Pesticides in Food and Water.

League of Women Voters Education Fund, Washington, D.C.

Pub Date—89

Note—22p.

Available from—League of Women Voters Education Fund, 1730 "M" Street, Washington, DC 20036 (\$4.95 nonmembers, \$3.95 members).

Pub Type—Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—"Agricultural Production, Conservation (Environment), *Decision Making, *Environmental Education, Environmental Influences, *Hazardous Materials, Health Education, *Pesticides, Science Education, Scientific Literacy, Wastes, Water Pollution, Water Resources

Public concern about the safety of continued reliance on pesticides in agricultural production is widespread and growing. The lack of understanding of how food is grown, the role of pesticides in food production, the risk assessment and regulatory processes and alternatives to pesticide use limits citizen participation in food safety debates and agricultural policy decision making. Topics include: (1) "The Growing Reliance on Pesticides"; (2) "Pesticides and Human Health"; (3) "Sources of Contamination"; (4) "Regulation of Pesticides"; (5) "Alternatives to Pesticides"; and (6) "Citizen Education in Your Community." Appended are a list of resource publications and organizations. (KR)

ED 328 421 SE 051 896

Strauss, Valerie
U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide.

League of Women Voters Education Fund, Washington, D.C.

Report No.—ISBN-0-89959-418-2

Pub Date—90

Note—26p.

Available from—League of Women Voters Education Fund, 1730 "M" Street, Washington, DC 20036 (\$4.95 nonmembers, \$3.95 members).

Pub Type—Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—Agribusiness, Agricultural Production, Agriculture, *Community Action, Consumer Economics, *Economics, *Environmental Education, *Government Role, *Science and Society, Science Education

Food production plays a central role in every national economy. In the United States, the family farm system of agriculture has added special symbolic weight to this economic role. The national debate over appropriate agricultural policies now includes more interested parties than ever before. Environmentalists, consumer advocates, taxpayers, farmers, and agribusinesses all claim a stake in determining who benefits from and who pays for government farm programs. This publication explores the U.S. agricultural economy and its relationship to government policies, the public's environmental concerns and consumer interests. How to mesh farm sector health with other important national goals is a key question for the 1990s and beyond. Topics discussed include: (1) "U.S. Agricultural Policy"; (2) "The Human Dimension"; (3) "The Environmental Dimension"; (4) "Looking Toward the Future"; and, of specific interest to educators, (5) "Citizen Education in Your Community." A list of "Citizen Activity Guidelines" and a list of resources

(publications and organizations) are appended. (CW)

ED 328 422 SE 051 897

Davis, Robert B. Ed. And Others
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. National Council of Teachers of Mathematics, Inc., Reston, Va.

Report No.—ISBN-0-87353-300-3; ISSN-0883-9530

Pub Date—90

Note—220p.

Available from—National Council of Teachers of Mathematics, 1906 Association Drive, Reston, VA 22091 (\$9.50).

Pub Type—Collected Works - General (020) — Opinion Papers (120)

Document Not Available from EDRS.

Descriptors—*Cognitive Development, *Cognitive Structures, *Discovery Learning, *Educational Environment, *Elementary School Mathematics, *Elementary Secondary Education, *Learning Activities, *Learning Theories, *Mathematics Education, *Secondary School Mathematics, *Theory Practice Relationship

Identifiers—*Constructivism

This monograph represents 5 years of collaborative discussions among individuals interested in improving the teaching and learning of mathematics beginning in 1985 with the planning of a conference and culminating in the production of this collection of 13 papers to be presented at the conference. Chapters include: (1) an introduction "Constructivist Views on the Teaching and Learning of Mathematics"; (2) "Constructivism in Mathematics Education" (Nel Noddings); (3) "An Exposition of Constructivism: Why Some Like It Radical" (Ernst von Glasersfeld); (4) "Epistemology, Constructivism, and Discovery Learning Mathematics" (Gerald A. Goldin); (5) "Children's Learning: A Cognitive View" (Arthur J. Baroody & Herbert P. Ginsburg); (6) "The Nature of Mathematics: What Do We Do When We 'Do' Mathematics?" (Robert B. Davis & Carolyn A. Maher); (7) "Teacher's Learning: Building Representations of Children's Meanings" (Carolyn A. Maher & Robert B. Davis); (8) "Discovering Learning and Constructivism" (Robert B. Davis); (9) "What Constructivism Implies for Teaching" (Jere Confrey); (10) "Classrooms as Learning Environments for Teachers and Researchers" (Paul Cobb, Terry Wood, & Erna Yackel); (11) "Teacher Development in Mathematics in a Constructivist Framework" (Carolyn A. Maher & Alice Alston); (12) "On the Knowledge of Mathematics Teachers" (Leslie P. Steffe); and (13) a conclusion, "Suggestions for the Improvement of Mathematics Education" (Robert B. Davis, Carolyn A. Maher & Nel Noddings). (CW)

ED 328 423 SE 051 898

The Nation's Energy Education Report Card.
National Energy Education Development Project, Reston, Va.

Pub Date—22 Mar 90

Note—27p; Contains 1990 NEED Energy Education Poll.

Available from—NEED Project, 1920 Association Drive, Suite 514, Reston, VA 22091 (\$1.00).

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Elementary Secondary Education, *Energy Education, *Environmental Education, *Middle Schools, *National Surveys, *Science Education, *Secondary School Science, *Student Attitudes, *Surveys

Identifiers—*National Energy Education Development Project

The National Energy Education Development (NEED) Project was launched by Congressional Resolution in 1980. The subsequent presidential proclamation initiated a decade-long effort to introduce or enhance energy education programs in U.S. schools. The NEED Project stresses the use of evaluation tools for students to measure the effectiveness of their school's energy education program. The NEED Energy Education Poll was designed as an activity students could utilize to evaluate the success of their projects and activities. It also allows the NEED Project to gauge the progress of a large number of students throughout the nation involved in energy education. The information gathered from the state and national poll results allows NEED to discover where students lack information about en-

ergy, as well as how they feel about energy issues. This document includes the results of the secondary and middle school polls, a copy of the "1990 NEED Energy Education Poll" and a chart of the distribution of answers. (CW)

ED 328 424 SE 051 899

Zamm, Michael And Others
Training Student Organizers Curriculum, Revised Edition.

Council on the Environment of New York City, N.Y.

Pub Date—90

Note—260p.

Available from—Council on the Environment of New York City, 51 Chambers Street, Room 228, New York, NY 10007 (\$15.00).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Activism, Community Involvement, Conservation Education, *Elementary School Science, *Elementary Secondary Education, *Environmental Education, *Leadership Training, *Learning Activities, *Science Education, *Secondary School Science, *Student Leadership, *Teaching Guides

Identifiers—*New York (New York)

Between 1979 and June 1990, the Training Student Organizers (TSO) Program has motivated nearly 7,400 students and their teachers to organize over 260 environmental improvement projects serving their schools and neighborhoods in the New York City area. The projects run the gamut from clean up campaigns, murals, and letter writing efforts to energy conservation. This document presents the curriculum from the TSO Program including lessons on many topics including energy conservation, solid wastes, water, air, open space beautification and preservation, noise pollution, nuclear energy, and transportation; and teaching suggestions and process goals including "The Rationale for Citizen Participation," "Needs Assessment and Project Selection," "Project Planning and Initial Field Organizing," "Project Monitoring and Ongoing Participation Strategies," "Evaluation," and "Letter Writing and Petitioning." (CW)

ED 328 425 SE 051 900

Landis, Raymond B.
An Academic Career: It Could Be for You. American Society for Engineering Education, Washington, D.C.

Pub Date—89

Note—13p.

Available from—American Society for Engineering Education, Engineering Libraries Division, Suite 200, 11 Dupont Circle, Washington, DC 22036 (\$5.00).

Pub Type—Guides - Classroom - Teacher (052)

Document Not Available from EDRS.

Descriptors—*Career Choice, *College Faculty, *College Science, *Doctoral Degrees, *Engineering Education, *Engineers, *Faculty Development, *Higher Education, *Science Education, *Teaching (Occupation)

This booklet is designed to help engineering students to explore the possibilities of an academic career. Discussions include: "Is a Faculty Career for You?" "What are the Rewards of a Faculty Career?" and "Some Tips on Getting Your Ph.D." A list of resources is provided. (CW)

ED 328 426 SE 051 901

Lott, Johnny W., Ed.
Student Math Notes, January-November 1990. National Council of Teachers of Mathematics, Inc., Reston, Va.

Pub Date—90

Note—21p; A supplement to the National Council of Teachers of Mathematics' News Bulletin.

Available from—National Council of Teachers of Mathematics, 1906 Association Drive, Reston, VA 22091.

Journal Cit—Student Math Notes; Jan, Mar, May, Sep, Nov 1990

Pub Type—Collected Works - Serials (022) — Guides - Classroom - Learner (051)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Enrichment Activities, *Geometric Concepts, *Geometry, *High Schools, *Learning Activities, *Mathematics Education, *Mathematics Instruction, *Number Concepts, *Problem Sets, *Secondary School Mathematics, *Statistics

Five sets of activities for students are included in this document. Each is designed for use in second-

ary school mathematics instruction. Topics include: (1) "5-Con Triangles"; (2) "Striking Sequences"; (3) "Invariants"; (4) "On the Ball" (a geometry lesson); and (5) "Coloring Maps." These topics focus on geometric and statistical concepts. Each set contains a variety of activities, an extension section, and an answer key. Pages may be reproduced for classroom use without permission. (CW)

ED 328 427 SE 051 902

Masalski, William J.
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom.

National Council of Teachers of Mathematics, Inc., Reston, Va.

Report No.—ISBN-0-87353-303-8

Pub Date—90

Note—80p.

Available from—National Council of Teachers of Mathematics, 1906 Association Drive, Reston, VA 22091 (\$16.50).

Pub Type—Guides - Classroom - Teacher (052) — Guides - Classroom - Learner (051)

Document Not Available from EDRS.

Descriptors—Computer Software, *Computer Uses in Education, *Learning Activities, *Mathematical Applications, *Mathematics Education, *Mathematics Instruction, *Secondary Education, *Secondary School Mathematics, *Spreadsheets, *Teaching Guides

Identifiers—*Apple II

The National Council of Teachers of Mathematics has stated that computer technology is an important factor in the improvement of mathematics instruction and an important tool in mathematics instruction. Computer spreadsheets are readily adaptable for problem solving, can enhance the user's insight into the development and use of algorithms and models, free students from being hampered by laborious manipulation of numbers, and allow students to see the progression of calculations on the screen as they are generated. This set of materials is an attempt to illustrate by example how the spreadsheet can be used in the secondary school mathematics classroom. Included in this set of materials are data disks for use with Appleworks spreadsheet and Better Working Spreadsheet software, and a teachers' guide. The teachers' guide contains an overview of spreadsheets, and directions and suggestions for use with each of the 30 spreadsheet files on the disks. (CW)

ED 328 428 SE 051 903

Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role. Congress of the U.S., Washington, D.C. Senate Committee on Commerce, Science, and Transportation.

Report No.—Senate-Hrg-101-1039

Pub Date—8 May 90

Note—94p.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*College Science, *Demand Occupations, *Engineering Education, *Federal Legislation, *Females, *Government Role, *Hearings, *Higher Education, *Labor Needs, *Labor Supply, *Minority Groups, *Organizations (Groups), *Science Education, *Supply and Demand

Identifiers—Congress 101st, National Science Foundation

This document is the transcript of a Congressional hearing focusing on the status of the training of scientists and engineers in the United States and the role of the federal government in the improvement of this situation. Included are opening statements from Senators Albert Gore, Jr. (Tennessee), Robert W. Kasten, Jr. (Wisconsin), and Larry Pressler (South Dakota); and prepared statements and testimony from Dr. Richard C. Atkinson (American Association for the Advancement of Science), Erich Bloch (National Science Foundation), Donna E. Shalala (University of Wisconsin), and Dr. Alvin W. Trivelpiece (Oak Ridge National Laboratory, Martin Marietta Energy Systems). (CW)

ED 328 429 SE 051 904

The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990. Astronomical Society of the Pacific, San Francisco, CA.

Pub Date—90

Note—13p.

Available from—Astronomical Society of the Pacific, 390 Ashton Avenue, San Francisco, CA 94112 (free).

Journal Cit—The Universe in the Classroom; n14-15 Spr 1990, n16 Win 1990

Pub Type—Collected Works - Serials (022) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Astronomy, Bibliographies, *College Science, Current Events, *Glossaries, Higher Education, *High Schools, Newsletters, *Resource Materials, Science Education, Science Materials, *Secondary School Science

This document consists of the three issues of this newsletter published in 1990. Designed to assist teachers at the secondary and college level in designing and presenting instruction on the topic of astronomy, typical articles in this newsletter include: (1) "Introductory Astronomy Glossary," which presents the definitions of 42 different terms; (2) "A Basic Astronomy Library," which lists over 100 books on various astronomy topics at different instructional levels; and (3) "The Latest News on the Hubble Space Telescope: Flawed but Working and Fixable." (CW)

ED 328 430

SE 051 905

Yager, Robert E. And Others

The Nature of "Exemplary" Science Teachers: Implications for Teacher Education.

Pub Date—90

Note—33p.

Pub Type—Collected Works - General (020) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Comparative Education, Conferences, *Demonstration Programs, Elementary School Science, Elementary Secondary Education, *Foreign Countries, Program Descriptions, Science Education, *Science Teachers, Secondary School Science, *Teaching Methods

Identifiers—*Australia, *Israel, Science Education Research

There is little doubt that the findings of research in science education can be depressing at times. The literature is replete with reports and research findings which highlight problems and shortcomings associated with the teaching and learning of science. In order to provide a refreshing alternative to the majority of research reports which malign science education and highlight its major problems and shortcomings, a series of case studies of exemplary practice in science teaching was initiated in three nations to provide a focus on the successful and positive facets of schooling. It was assumed that much could be learned from case studies of exemplary practice that would stimulate and guide improvements in science education, especially with such an international perspective. This symposium was designed to permit the first comparison and discussion of results in Australia, Israel, and the United States. Included are three papers entitled "Case Studies of Practices Used by Exemplary Science and Mathematics Teachers," (Barry Fraser and David Treagust, Australia); "Research on Exemplary Chemistry Teachers in Israel," (Avi Hofstein, Israel); and "The Practices of Teachers Who Develop Exemplary Science Programs," (Robert E. Yager and Ronald J. Bonnstetter, United States). (CW)

ED 328 431

SE 051 906

Biology Textbooks 1990: The New Generation. National Center for Science Education, Inc., Syoset, NY.; People for the American Way, Washington, DC.

Pub Date—Jul 90

Note—76p.

Available from—People for the American Way, 2000 M Street, N.W., Suite 400 Washington, DC 20036.

Pub Type—Guides - Non-Classroom (055) — Book/Product Reviews (072)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Biology, *Evolution, Science Education, Scientific Methodology, Secondary Education, *Secondary School Science, Textbook Bias, *Textbook Content, *Textbook Evaluation, *Textbook Selection, Textbook Standards

In 1985, People for the American Way released its

first review of biology textbooks that was inspired by the ongoing controversy over whether or not (and how) evolution should be taught in public school classrooms. The purpose of this review is to gauge how successful the response of educators and scientists have been at convincing publishers that teachers, parents, and state education leaders want biology textbooks that do not compromise science for sectarian ideology or confuse scientific process with religious conviction. In addition, this review is designed to assist textbook selection committees as they choose the next generation of biology texts for their schools. This publication contains the following: (1) findings from this review; (2) selection criteria concerning the treatment of evolution; (3) selection criteria concerning the treatment of the nature of science; and (4) individual reviews of nine biology textbooks published from 1987 to 1991 for use in secondary school classrooms. (CW)

ED 328 432

SE 051 907

Downey-Franchuk, Andrea J.

Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12.

Manitoba Hazardous Waste Management Corp., Winnipeg.

Pub Date—May 89

Note—76p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Elementary School Science, Elementary Secondary Education, *Environmental Education, Foreign Countries, *Hazardous Materials, *Recycling, *Science Activities, Science Education, Secondary School Science, Teaching Guides, *Wastes

Identifiers—*Manitoba

Society has become increasingly aware of the harmful effects that the disposal of chemical waste products have on the environment and human health. Public information is central to the development of a responsible waste management plan. The activities contained in this guide are organized in sequence from kindergarten to grade 12, and provide teachers with a selection of activities to help increase their students' awareness of the problems associated with hazardous wastes. Topics range from acquainting students with waste management issues such as trash, litter and recycling principles, to examining waste disposal technologies and exploring complex, interdisciplinary social issues. Each of the 27 activities includes the purpose of the activity, references, a list of materials, procedures, and the source of the activity. (CW)

ED 328 433

SE 051 909

The Coordinated Implementation of National and State-by-State Reform in School Mathematics. Association of State Supervisors of Mathematics.

Pub Date—Sep 89

Note—215p.; Report of the First Annual Association of State Supervisors of Mathematics (Chicago, IL, September, 1989).

Available from—Dr. Charles A. Reeves, Elementary Mathematics Consultant, The Florida Education Center, 325 Gaines Street, Tallahassee, FL 32399-0400.

Pub Type—Collected Works - Proceedings (021)

Document Not Available from EDRS.

Descriptors—*Educational Assessment, *Educational Change, Elementary School Mathematics, Elementary Secondary Education, Higher Education, *Mathematics Curriculum, Mathematics Education, Organizations (Groups), Secondary School Mathematics, *Teacher Education

In September of 1989, a working conference was held to launch a decade-long effort to provide leadership in implementing the school reform movement. This report contains the position statements and the Association of State Supervisors of Mathematics (ASSM) national action agenda for the following five spheres of influence: (1) "An Environment Conducive to Change"; (2) "K-12 School Mathematics Curriculum"; (3) "Adoption or Selection of Instructional Material"; (4) "Testing and Evaluation"; and (5) "Teacher Preparation and Certification." Also included are issues identified for consideration at future working conferences. The report closes with a commentary from the president of ASSM, Donald Chambers. The appendices to this report contain the individual state action items written by the ASSM members participating in this working conference and other pertinent information related to the session. (CW)

ED 328 434

SE 051 910

McVey, Eileen

Aqua-Topics. Aquaculture for Youth and Youth Educators.

National Agricultural Library, Beltsville, MD.

Pub Date—Jul 89

Note—19p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Agriculture, Biology, *Elementary School Science, Elementary Secondary Education, Environmental Education, *Fisheries, Horticulture, *Ichthyology, Marine Biology, *Plants (Botany), Resource Materials, *Science Activities, Science Education, *Secondary School Science, Student Projects, Teaching Guides, Water Pollution, Water Quality

Identifiers—*Aquaculture

This booklet contains information on aquaculture and ideas for aquaculture projects. The information provided is for students at upper elementary through high school learning levels. Recommended activities at the end of the text are organized by level of difficulty. The activities can be modified depending on area and availability of resources. A glossary is also included at the end of the text for those students who need assistance with vocabulary. Source books that correspond with the activities are listed for students. A source list for teachers includes selected books, articles, and curricula and supplemental materials. (KR)

ED 328 435

SE 051 911

Keller, Thomas E.

Maine School Science Safety Guidelines.

Maine State Dept. of Educational and Cultural Services, Augusta.

Pub Date—May 89

Note—28p.

Pub Type—Guides - General (050)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Accident Prevention, Biology, Chemistry, *Elementary School Science, Elementary Secondary Education, Facility Inventory, Field Trips, Fire Protection, *Hazardous Materials, Home Economics, Industrial Education, Injuries, Laboratories, Laboratory Experiments, Laboratory Safety, Physical Sciences, Poisoning, *Safety, *Safety Equipment, Science Education, *Secondary School Science, *Waste Disposal

Identifiers—Maine

A hands-on approach to science is highly desirable because an inquiry approach to science greatly promotes learning. However when students and teachers manipulate glassware, chemical, and other materials, accidents will happen. Because of this, risk management and safety procedures become an important, integral part of the science curriculum. This booklet presents the guidelines to having an effective safety program. Included are the following sections: (1) general safety instruction; (2) fire protection; (3) eye protection; (4) laboratory chemical inventory, disposal, storage, and labeling; (5) facilities; and (6) references. A student safety contract, safety rules for chemistry, biology, and physical science students, an explosives list, general housekeeping rules, and a list of resource personnel are appended. (KR)

ED 328 436

SE 051 912

Dennison, Paul E. Dennison, Gail E.

Brain Gym. Simple Activities for Whole Brain Learning.

Pub Date—86

Note—43p.

Available from—Edu-Kinesthetics, Inc., P.O. Box 5002, Glendale, CA 91201 (\$6.00).

Pub Type—Guides - Classroom - Teacher (052)

Document Not Available from EDRS.

Descriptors—Brain Hemisphere Functions, Cognitive Development, Cognitive Processes, Elementary Education, *Elementary School Science, *Kinesthetic Methods, *Learning Activities, *Learning Strategies, Musculoskeletal System, Psychomotor Skills, Science Education, Skill Development, Teaching Methods

This booklet contains simple movements and activities that are used with students in Educational Kinesiology to enhance their experience of whole brain learning. Whole brain learning through movement reprogramming and Brain Gym activities enable students to access those parts of the brain previously unavailable to them. These movements of body and energy, gleaned from ancient disciplines such as yoga and acupuncture, have been modified and

adapted to the special needs of people learning in our modern, highly technological culture. The chapters include: (1) "Midline Movements"; (2) "Lengthening Activities"; (3) "Energy Exercises"; (4) "Deepening Attitudes"; and (5) "Brain Gym at Work and Play." The activities are cross-referenced for reading skills, writing and math skills, independent learning skills, personal ecology skills, and self awareness skills. (KR)

ED 328 437 SE 051 913

Penick, John E., Ed. *Dunkhase, John A., Ed. Innovations in College Science Teaching.* Society for College Science Teachers. Pub Date—88. Note—118p.

Available from—National Science Teachers Association, 1742 Connecticut Avenue, NW, Washington, DC 20009-1171.

Pub Type—Reports - Descriptive (141) - Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Biology, Chemistry, *College Science, Computer Uses in Education, Demonstration Programs, Ecology, *Environmental Education, *Excellence in Education, Field Trips, Geology, Higher Education, *Innovation, Mentors, Nonmajors, Physical Sciences, Program Descriptions, Science Activities, Science Curriculum, Science Education, Student Projects, Teaching Methods, Video Disks

Fifteen innovative college science programs based on survey results about perceptions of excellence in college science teaching are presented. The goals, program origins, special features of the programs, evaluations, and conclusions are described for each. Discussed are the commonalities among this collection of 15 college science programs and some concerns. Programs include zoo biology, microbiology, biology for majors, biology for non-majors, field experience, anatomy and physiology, chemistry for non-scientists, analytical chemistry, physical sciences, applied geology, science mentors, interactive video, health-science, environmental education, and cooperative education. (KR)

ED 328 438 SE 051 914

Wong, Philip Siew Koon. *Students' Metacognition in Mathematical Problem Solving.* Pub Date—89.

Note—35p; Paper presented at the Annual Meeting of the Australian Association for Research in Education (November 28-December 2, 1989). Pub Type—Speeches/Meeting Papers (150) - Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Cognitive Ability, Comprehension, *Foreign Countries, Learning Processes, Mathematics Education, Memory, *Metacognition, *Problem Solving, Questionnaires, Secondary Education, *Secondary School Mathematics, Self Evaluation (Individuals), *Thinking Skills

Identifiers—Singapore
The purpose of this study was to determine whether students from different academic settings differ in their usage of metacognitive strategies in mathematical problem solving, and if they do, what the differences are. A questionnaire was administered to students at various levels from academic tracks and academic streams requiring them to self-report on: (1) their metacognitive beliefs; (2) their usage of metacognitive strategies in mental tasks involving memory, problem solving, and comprehension; and (3) their attitudes towards the learning of various academic subjects. Twenty items from the questionnaire were categorized according to orientation, organization, execution, verification, and beliefs. Within each category, the frequency of usage of these metacognitive strategies as reported by students were averaged, analyzed, and interpreted. An introduction, objectives, method, results, discussion, and research implications are included. The means of items by stream and level are appended. (KR)

ED 328 439 SE 051 915

Connor, James V. *Environmental Education in the Developing World.* United Nations Children's Fund, New York, N.Y. Pub Date—90.

Note—25p.
Available from—UNICEF Programs Publications, Room 12-G, 3 United Nations Plaza, New York,

NY 10017 (\$4.00).

Pub Type—Opinion Papers (120)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Curriculum Development, *Developing Nations, Elementary School Science, Elementary Secondary Education, *Environmental Education, Instructional Materials, *Mass Media Role, Mass Media Use, Material Development, Media Adaptation, *Nonformal Education, Science Activities, Science Education, Secondary School Science, Teacher Education

This paper attempts to explore how developing nations can best respond to the request of the United Nations General Assembly to examine their ongoing programs and policies for environmental impact, and to report regularly to the General Assembly on the progress being made towards the objectives of "environmentally sound and sustainable development." This can be done in developing countries by considering environmental education within their own key problem areas and the four associated areas that have a tremendous impact on the environment. These associated areas are poverty, population, health, and literacy. To do this, Part I of this paper considers the problems concerning the environment and the associated areas. Parts II and III consider environmental education through formal and non-formal education systems. Finally, part IV considers the role of the developing countries in environmental education. Topics discussed include: (1) curriculum development; (2) classroom materials development; (3) teacher training; and (4) the role of mass media. (KR)

ED 328 440 SE 051 916

Hungerford, Harold R. *And Others. An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Program: A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education.*

United Nations Educational, Scientific, and Cultural Organization, Paris (France). Div. of Science, Technical and Environmental Education. Report No.—ED-88/WS/39

Pub Date—88.
Note—164p.
Available from—Unesco Publications, 7 Place de Fontenoy, 75700, Paris, France (Free).

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Biology, *College Science, Controversial Issues (Course Content), Elementary Education, *Elementary School Science, *Environmental Education, Ethics, Field Trips, Higher Education, Interdisciplinary Approach, *Preservice Teacher Education, Problem Solving, *Program Descriptions, Resource Materials, Science Activities, Science Education, Social Studies, Sociology, Teacher Education, Teaching Methods, Values Clarification

This document describes an elementary teacher education program (TEP) for training elementary school teachers to include the environment in the content and methods of the early years of education. The major focus of this document is to infuse environmental content and methods in existing or planned courses of instruction in the TEP. The topics in part I are the goals for the TEP as well as discussions on learner objectives as they related to the goals, the role of citizenship responsibility, and environmental sensitivity. Part II deals with topics of infusion and the infusion strategy. Part III lays out the entire TEP, providing an overall description of each course and making definite suggestions for the infusion of environmental education into the appropriate courses. Part IV focuses on the critical variables of instruction and successfully seeing these outcomes realized in students. It also describes the General Teaching Model (GTM), resources for instruction, inventorying community resources available for instruction, the use of field trips, and problem solving as a strategy for environmental education. Part V presents example infusion activities for use in the TEP. (KR)

ED 328 441 SE 051 918

Rohwedder, W. J., Ed. *Computer-Aided Environmental Education, Monographs in Environmental Education and Environmental Studies, Volume VII.*

North American Association for Environmental Education, Troy, OH. Pub Date—90.

Note—261p.

Available from—North American Association for Environmental Education, P.O. Box 400, Troy, OH 45373 (\$12.00 members, \$17.00 nonmembers, includes postage).

Pub Type—Reports - Descriptive (141) - Opinion Papers (120)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Computer Assisted Instruction, *Computer Networks, Computer Simulation, Databases, *Elementary School Science, Elementary Secondary Education, *Environmental Education, Hypermedia, Interactive Video, Learner Controlled Instruction, Optical Data Disks, Program Descriptions, Science Education, *Secondary School Science, *Telecommunications, Videodisks

Identifiers—HyperCard
With creativity and innovation, environmental educators have begun wielding the ever increasing power of computers to promote and enhance environmental education. These pioneering programs and applications are the focus of this publication. This monograph is a sampling of the potential, problems and promises of this field. The four major content areas addressed in this publication are environmental hypermedia (including interactive videodisks); environmental simulation/modeling; interactive software; and telecommunications. A list of additional resources which are not addressed in the articles is included. (KR)

ED 328 442 SE 051 919

Three-Year Sequence for High School Mathematics: Course I.
New York State Education Dept., Albany. Bureau of Curriculum Development.

Pub Date—90.
Note—87p; For Course II, see ED 326 447.

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Activity Units, Algebra, Calculators, Computer Assisted Instruction, Disabilities, Enrichment, Geometry, High Schools, *Instructional Materials, Interdisciplinary Approach, *Learning Activities, Mathematical Logic, Mathematics Curriculum, Mathematics Education, *Mathematics Instruction, Probability, *Problem Solving, Resource Materials, *Secondary School Mathematics, State Curriculum Guides, Teaching Methods, Teaching Skills, Thinking Skills, Units of Study

Identifiers—New York
The purpose of this revised syllabus/guide is to help teachers and administrators plan and implement Course I in the State of New York Three-Year Sequence for High School Mathematics for Regents credit. Course I builds upon the State mathematics curriculum outlined in the Department's mathematics K-6, Grade 7, and Grade 8 publications. This guide includes the role of problem solving, the Course I outline, resources for teachers, a statement of Regents goals, and a discussion of the special needs of handicapped students. The course outline includes the following topics: (1) "Logic"; (2) "Algebra"; (3) "Geometry"; (4) "Analytic Geometry"; (5) "Probabilities"; and (6) "Statistics". Each section contains examples and sample problems related to that topic. (KR)

ED 328 443 SE 051 920

Podany, Zita. *Ideas for Integrating the Microcomputer with High School Science.* Northwest Regional Educational Lab., Portland, OR. Technology Program.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC. Pub Date—Nov 90.

Contract—400-86-006
Note—13p.
Pub Type—Guides - Classroom - Teacher (052) - Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Computer Assisted Instruction, Computer Networks, *Computer Uses in Education, Electronic Mail, High Schools, *Interviews, *Microcomputers, Science and Society, Science Education, *Scientific Literacy, *Secondary School Science, Teaching Methods, Technology, *Telecommunications

This report discusses how computers are being used in high school science classrooms. For this report, four high school science teachers were interviewed. The approach to science instruction de-

scribed in these four interviews deals with the areas of scientific and technological literacy, making science learning fun and attractive, and stimulating the use of higher-order thinking skills. All are involved in the use of computers to enhance science instruction through activities based on microcomputer-based laboratories (MBL). The four subjects are participants in one of two projects dedicated to such computer application, LabNet and StarNet. Both LabNet and StarNet, projects of the Technical Education Research Centers (TERC), and MBLs are described. The characteristics common to all four of the interviewed teachers are discussed. The advantages and disadvantages of taking this approach are presented. (KR)

ED 328 444 SE 051 921

Podany, Zita
Software for Middle School Physical Science.
Northwest Regional Educational Lab., Portland,
OR. Technology Program.
Spons Agency—Office of Educational Research
and Improvement (ED), Washington, DC.

Pub Date—Nov 90
Contract—400-86-006
Note—15p.

Pub Type—Reports - Evaluative (142)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Computer Assisted Instruction,
*Computer Software Reviews, *Computer Software
Selection, *Courseware, Electricity, Energy,
Intermediate Grades, Junior High Schools, Mag-
nets, *Middle Schools, *Physical Sciences, Science
Education, Scientific Concepts

Identifiers—Apple Microcomputers, *Computer
Interfacing, IBM Personal Computer

This final report in the MicroSIFT series reviews 10 software packages that deal mainly with the areas of electricity, magnetism, and heat energy. Software titles appearing in this report were selected because they were judged to be exemplary according to various criteria in the MicroSIFT Evaluator's Guide, with some additions to address science directly. All of the software serves to supplement regular classroom laboratory instruction. Basic computer-based tool packages were included for temperature-dependent experiments. Although the computer-based tool packages do not directly relate to electricity and magnetism, they do provide a steppingstone into using the computer as a tool to aid scientific discovery. Software packages are divided between those that use thermistor probes as lab tools and electricity and magnetism concept development software. (KR)

ED 328 445 SE 051 923

Think Earth Environmental Education Program.
Report on May 1990 Field Test of Units for
Kindergarten through Third Grade.
Educational Development Specialists, Lakewood,
CA.

Pub Date—Jul 90
Note—50p.

Pub Type—Reports - Descriptive (141) —
Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, *Elementary
School Science, *Environmental Education,
*Kindergarten, Pretests Posttests, *Primary Education,
Science Curriculum, Science Education, Student
Attitudes, Surveys, Teacher Attitudes

Four environmental education units for kindergarten through third grade being developed under the "Think Earth" project were field tested during May of 1990. The units were used with more than 1,000 students from 42 classrooms at 12 schools throughout Southern California. Each unit contained the teacher and pupil materials needed to conduct four daily lessons on the unit's outcomes. This report is the culmination of that field test. The data collected during the field test focused primarily on: (1) pupil achievement of unit outcomes; (2) pupil attitudes toward the units; (3) pupil behaviors related to the environment; and (4) teacher attitudes toward the units. The program outcomes, field test procedures, data sources, results in pupil achievement, reactions, and behavior, teacher reactions, discussion, and suggested revisions of the K-3 units are included. A consortium roster, a pretest and posttest item analysis for each grade, "Helpful Habits" survey item analysis, and teacher comments from a reaction sheet are appended. (KR)

ED 328 446 SE 051 926

Ahlgren, Andrew Halberg, Franz
Cycles of Nature. An Introduction to Biological

RIE JUN 1991

Rhythms.

National Science Teachers Association, Washing-
ton, D.C.

Report No.—ISBN-0-87355-089-7

Pub Date—90

Note—96p.

Available from—National Science Teachers Association, 1742 Connecticut Avenue, Washington,
DC 20009 (\$12.00).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Biological Influences, *Biology,
Graphs, Human Body, Laboratory Procedures,
Medicine, *Science Activities, *Science Curriculum,
Science Education, Scientific Concepts, Secondary
Education, *Secondary School Science
Identifiers—*Chronobiology

This book is an outline for the short study (1- to 2-weeks) of chronobiology, a field of science that explores the relationships between time and biological functions. It develops step-by-step the reasoning that leads to the current scientific understanding of biological rhythms. The unit can be inserted into a standard middle or high school biology course. Because the scientific study of biological rhythms begins with data, Chapter 1 provides a brief review of the ways to collect, graph, and interpret data. Chapter 2 introduces some of the cycles in nature, especially those of the human body—from dream cycles to menstruation to body temperature. Chapter 3 explores how these cycles come about and explains the differences between external and internal influences. Chapter 4 explores the internal workings of organisms to determine whether there is a single master source of timing information that synchronizes an organism's many interacting cycles. Chapter 5 discusses the impact of rhythms on society and asks how an understanding of them could bring progress in medicine, work schedules, and everyday life. Chapter 6 offers a brief historical perspective on the study of biological rhythms, and chapter 7 outlines eight activities that demonstrate cycles in chemicals, plants, and animals. Each activity includes an introduction, materials, set-up, procedures, and possible extensions. (KR)

ED 328 447 SE 051 927

Kinney, James H.

A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed At Improving Existing Programs in This School Division.

Pub Date—Jan 91

Note—34p.; Contains some light and broken type which may not produce well. For a related document, see ED 309 096.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Junior
High Schools, Science Education, *Secondary
School Science, *Student Attitudes, *Teaching
Methods

Much research has been conducted regarding the effectiveness and efficiency of cooperative learning on groups of students. Many students may think they like cooperative learning. Such students, however, may really prefer traditional learning in that same subject if they were taught by the same instructor. Students that have not been taught by the same instructor in that same subject can't accurately determine which method best suits their needs. Therefore, the focus of this study was to give one group of 19 ninth-grade biology students in the Alexandria City, Virginia school district one semester using and promoting only cooperative exercises followed by one semester using and promoting only traditional exercises. The same instructor was used throughout this study. The cooperative learning model consisted of a 3-day cycle of a group quiz, group competition, followed by an individual test. Labs and other activities were also implemented in a cooperative setting. The traditional routine used was teacher lecture, class worksheets, followed by a test. Labs and video presentations were given following the test. An introduction, the methodology, the statistical analysis, and a summary are included. The name of the textbook used in the study, examples of short term and long term achievement tests, and the short term and long term achievement data are appended. (KR)

ED 328 448

SE 051 928

Junior Science and Humanities Symposium Program, Management Guide SY91-92.

Dependents Schools (DOD), Washington, DC. Pacific Region.

Pub Date—90

Note—88p.; Frequent light and broken type.

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Junior High Schools, *Middle Schools, Program Descriptions, Research Projects, Science Education, *Science Experiments, *Science Fairs, *Science Projects, Secondary Education, *Secondary School Science, Student Projects

This information booklet contains the information necessary to administer the annual Department of Defense Dependents Schools Pacific Region Junior Science and Humanities Symposium (JSHS) at the school level. It is intended to be used by teachers and administrators as they manage the JSHS program within their schools and by students as they conduct their research, write about their research projects, and track the various deadlines which must be met as part of the program. A symposium overview, program description, program objectives, themes, awards, eligibility, fees, project guidelines, abstracts, computer use, judging guidelines, oral presentations, poster sessions, and travel are discussed. The appendices contain project writing guidelines, program application forms, abstract forms, and examples of abstracts of research conducted by other Pacific Region JSHS students. (KR)

ED 328 449 SE 051 929

Russell, Susan Jo Corwin, Rebecca B.

Sorting: Groups and Graphs. Used Numbers.

Grades 2-3.

Lesley Coll., Cambridge, Mass.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-86651-515-1

Pub Date—90

Contract—MDR-8651649

Note—193p.; For related documents, see SE 051 930-931. In cooperation with the Technical Education Research Centers (TERC) and the Consortium for Mathematics and Its Applications (COMAP).

Available from—Addison-Wesley Publishing Co., The Alternative Publishing Group, P.O. Box 10888, Palo Alto, CA 94303-0879 (\$12.95).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Calculators, *Classification, Computer Assisted Instruction, Cooperative Learning, *Data Analysis, Decision Making, Elementary School Mathematics, *Graphs, Interdisciplinary Approach, *Learning Activities, *Mathematics Education, *Primary Education, Problem Solving, Statistics, Student Projects, Teaching Guides, Teaching Methods

A unit of study that introduces sorting and classification as a way of organizing data is presented. Suitable for students in grades 2 and 3, it provides a foundation for further work in statistics and data analysis. The investigations may extend from one to five class sessions and are grouped into three parts: "Introduction to Sorting"; "Sorting and Classifying Data"; and "Projects in Data Analysis." An overview of the investigation, session activities, dialogue boxes, and teacher notes are included in each investigation. The major goals developed in each part of this guide are: (1) examining differences and similarities of objects or data; (2) decision making; (3) using negative information to clarify the definition of a category; (4) making sketches of data; (5) thinking flexibly about the characteristics of data; (6) articulating logical reasoning; (7) constructing categories to describe data; (8) inventing representations of data; (9) building theories about data; (10) collecting and recording survey data; (11) comparing two data sets; and (12) experiencing the phases of a data analysis investigation. Appended are reproducible student materials, including two sets of cards for developing sorting skills. (KR)

ED 328 450 SE 051 930

Corwin, Rebecca B. Russell, Susan Jo

Measuring: From Paces to Feet. Used Numbers:

Real Data in the Classroom. Grades 3-4.

Lesley Coll., Cambridge, Mass.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-86651-503-8

Pub Date—90

Contract—MDR-8651649

Note—151p.; For related documents, see SE 051 929-931. In cooperation with the Technical Education Research Centers (TERC) and the Consortium for Mathematics and Its Applications (COMAP).

Available from—Addison-Wesley Publishing Co., The Alternative Publishing Group, P.O. Box 10888, Palo Alto, CA 94303-0879 (\$12.95).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Calculators, Computer Assisted Instruction, Cooperative Learning, *Data Analysis, Elementary Education, *Elementary School Mathematics, *Estimation (Mathematics), Graphs, Interdisciplinary Approach, *Learning Activities, Mathematics Education, *Measurement, Pattern Recognition, Problem Solving, Statistics, Student Projects, Teaching Guides, Teaching Methods

A unit of study that introduces measuring as a way of collecting data is presented. Suitable for students in grades 3 and 4, it provides a foundation for further work in statistics and data analysis. The investigations may extend from one to four class sessions and are grouped into three parts: "Introduction to Measurement"; "Using Standard Measures"; and "A Project in Data Analysis." An overview of the investigation, session activities, dialogue boxes, and teacher notes are included in each investigation. The major goals developed in each part of this guide are: (1) moving through space and counting the movements; (2) comparing units of measure; (3) estimating distances; (4) defining a measurement method; (5) writing directions involving distances; (6) recording and displaying the results of measurement; (7) experiencing a need to standardize; (8) understanding that standard measures were invented to solve real data collection problems; (9) estimating lengths; (10) measuring accurately, using feet and inches; (11) describing the shape of the data; (12) analyzing data through landmarks and features of the data; (13) using standard measures to compare data sets; and (14) experiencing all the phases of a data analysis investigation in which measuring is used to collect data. Seven student sheets are attached. (KR)

ED 328 451

SE 051 931

Russell, Susan Jo. Corwin, Rebecca B.
Statistics: The Shape of the Data. Used Numbers:

Real Data in the Classroom. Grades 4-6.

Lesley Coll., Cambridge, Mass.

Spons Agency—National Science Foundation, Washington, D.C.

Report No.—ISBN-0-86651-514-3

Pub Date—89

Contract—MDR-8651649

Note—152p.; For related documents, see SE 051 929-930. In cooperation with the Technical Education Research Centers (TERC) and the Consortium for Mathematics and Its Applications (COMAP).

Available from—Addison-Wesley Publishing Co., The Alternative Publishing Group, P.O. Box 10888, Palo Alto, CA 94303-0879 (\$12.95).

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Calculators, *Classification, Computer Assisted Instruction, Cooperative Learning, *Data Analysis, Elementary School Mathematics, *Graphs, Interdisciplinary Approach, *Intermediate Grades, *Learning Activities, Mathematics Education, Problem Solving, *Statistics, Student Projects, Teaching Guides, Teaching Methods

A unit of study that introduces collecting, representing, describing, and interpreting data is presented. Suitable for students in grades 4 through 6, it provides a foundation for further work in statistics and data analysis. The investigations may extend from one to four class sessions and are grouped into three parts: "Introduction to Data Analysis"; "Learning About Landmarks in the Data"; and "A Project in Data Analysis." An overview of the investigation, session activities, dialogue boxes, and teacher notes are included in each investigation. The major goals developed in each part of this guide are: (1) describing the shape of the data; (2) defining the way data will be collected; (3) summarizing what is typical of the data; (4) making quick sketches of the data; (5) inventing ways to compare two sets of data; (6) representing data first through sketches, then through a presentation graph or

chart; (7) using the median as a landmark in the data; (8) understanding that the median is only one landmark in the data; and (9) experiencing all the stages of a data analysis investigation. Attached are 10 student sheets. (KR)

ED 328 452

SE 051 934

Robinson, Patricia W.

A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications.

Pub Date—May 90

Note—32p.; Ed.D. Practicum, Nova University.

Pub Type—Reports - Research (143) — Dissertations/Theses - Practicum Papers (043)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Algebra, Arithmetic, Cognitive Development, College Mathematics, Community Colleges, *Developmental Studies Programs, Higher Education, Individual Characteristics, *Individualized Instruction, *Lecture Method, *Mathematics Achievement, Mathematics Education, *Pacing, Postsecondary Education, Pretests, Posttests, *Remedial Mathematics, Teaching Methods

Identifiers—Brenau College GA

This study was an initial effort at Brenau College (Georgia) to analyze the relative effectiveness of a self-paced math lab approach to developmental pre-college algebra. Students enrolled in 1988-89 were taught under the lecture method; this applied to students needing both developmental arithmetic and developmental algebra. During the subsequent academic year (1989-90) subjects were divided into two groups: (1) students needing both developmental arithmetic and developmental algebra were placed in the math lab format; and (2) students needing only developmental algebra were placed in the lecture format. Three assessments were made. In the third of these, the differences in student performance prepared under the lab format in 1989-90 were compared to the lecture delivery format of 1988-89; the laboratory format produced the significantly higher mean score. This study includes an introduction, background and significance, procedures, results, and discussion, implications, and recommendations. (KR)

ED 328 453

SE 051 935

Gillis, Lynette. And Others

The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91.

Ontario Educational Communications Authority, Toronto.

Pub Date—91

Note—64p.

Pub Type—Reports - Evaluative (142) — Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Curriculum Development, Educational Assessment, *Educational Media, Educational Technology, *Elementary School Science, Elementary Secondary Education, Foreign Countries, *Inservice Teacher Education, Program Descriptions, Programed Instruction, Science Curriculum, Science Education, Science Teachers, *Secondary School Science, Summative Evaluation, Teaching Methods, *Television, Workshops

Identifiers—*Ontario, *Science Quality Education Project

The Science Quality Education Project (SQEP) experimented with a model of teacher inservice training referred to as the trainer-of-trainers model. The project was initiated to promote the use of TVOntario's science programming and television as a teaching tool in science instruction. Using this model, the training was first concentrated on a small group of carefully selected teachers. After completing their own intensive training this "model" group became trainers for their colleagues. The colleagues then trained others with the expectation that the effects of training would continue to ripple throughout the school area. The teachers used a variety of training methods, including informal sharing with colleagues, workshops, and peer coaching. The present evaluation is designed to investigate the value of using this utilization strategy for future projects. The research assessed the success of the SQEP strategy in bringing about change in teaching attitudes and practices. It also examines the factors that contribute to the model's effectiveness as well as areas for improvement. Chapters include: (1) "The Science Quality Education Project"; (2) "The Eval-

uation Design"; (3) "The Success of the SQEP in Affecting Change"; (4) "The Effectiveness of the Trainer-of-Trainers Model"; (5) "Factors Affecting Implementation"; and (6) "Conclusions and Recommendations." (KR)

ED 328 454

SE 051 937

BSAP Science Teaching through Inquiry.

South Carolina State Dept. of Education, Columbia. Office of General Education; South Carolina State Dept. of Education, Columbia. Office of Research.

Pub Date—Aug 90

Note—67p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Cooperative Learning, *Curriculum Development, Discovery Learning, *Elementary School Science, Elementary Secondary Education, Experiential Learning, Females, *Inquiry, *Learning Processes, Learning Strategies, Minority Groups, Questioning Techniques, Science Activities, Science Education, *Science Instruction, Scientific Literacy, Teaching Methods

Identifiers—*South Carolina

The purpose of this guide is to provide teachers with information that will help them better understand how to teach science. In addition, this resource is intended to be a tool in assisting teachers in developing their science curricula and in planning their instruction. The instructional approach presented reflects the philosophy that students learn best through hands-on, inquiry-oriented experiences. This guide was developed as part of the South Carolina Basic Skills Assessment Program in Science (BSAP) and is based on the learning cycle approach. The stages of the learning cycle, examples of learning cycle lessons, development of science lessons that use a learning cycle approach, student assessment during the learning cycles, and classroom management of students when using the learning cycles are discussed. The BSAP science objectives, subskills, and related skills, a list of science activity books and guides, and supplementary articles are appended. (KR)

ED 328 455

SE 051 939

Great Minds? Great Lakes!

Environmental Protection Agency, Chicago, IL.

Great Lakes National Program Office.

Report No.—EPA-905/M/90/004

Pub Date—Jun 90

Note—29p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Air Pollution, Conservation (Environment), Ecology, Elementary Education, *Elementary School Science, *Environmental Education, Groundwater, History, *Interdisciplinary Approach, Natural Resources, Resource Materials, *Science Activities, Science Curriculum, Science Education, Social Studies, *Teaching Guides, Teaching Methods, Water Pollution, *Water Resources, Water Treatment

Identifiers—*Great Lakes

This booklet introduces an environmental curriculum for use in a variety of elementary subjects. The lesson plans provide an integrated approach to incorporating Great Lakes environmental issues into the subjects of history, social studies, and environmental sciences. Each of these sections contains background information, discussion points, and a variety of hands-on activities designed to illustrate the major points of each lesson. A map of the Great Lakes is provided for photocopying and can be used with the discussion points and activities. Topics include the history of the Great Lakes, shipwrecks, water use, acid rain, air pollution, lake clean-up, groundwater, surface runoff, industrial runoff, and sediment pollution. General facts about each of the Great Lakes are listed. (KR)

ED 328 456

SE 051 940

Smith, Valerie F. And Others

Teaching the Science in Science Fiction.

Pub Date—90

Note—37p.; Paper presented at the Annual Meeting of the American Association for the Advancement of Science (New Orleans, LA, February 15-20, 1990). The appendix contains small print.

Pub Type—Speeches/Meeting Papers (150) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Middle Schools, Problem Solving, Reading Materials, Resource Materials, Science and Society, Science Education, *Science Fiction,

*Scientific Literacy, Secondary Education, *Secondary School Science, *Teaching Methods, Technology

The use of science fiction can be a valuable tool for constructing a highly mental schema in a learner on which to build new learning, to stimulate creative problem solving, and to generate the flexibility needed for adjusting to a rapidly changing, progressively technological society. By using science fiction in a science class, a science teacher can focus on the science concepts around which the story is built. Identified from the reading, English, and social studies educational research literature are effective strategies for teaching concepts through reading, motivating children to read, examining values and social issues, and methods used specifically for teaching science concepts. Problems inherent in the use of literature in the classroom are examined and recommendations for solutions offered. A science fiction book list for use in the junior and high school classroom is appended. (KR)

ED 328 457 SE 051 942

Geiger, Emily
Independent Learning Activities in Science for Students At-Risk.

Pub Date—25 Sep 90

Note—190p.; M.S. Thesis, New York Institute of Technology. Appendix contains some very light type which may not reproduce well.

Pub Type—Dissertations/Theses—Masters Theses (042)—Reports—Research (143)—Guides—Classroom—Teacher (052)

EDRS Price—MF01/PC08 Plus Postage.

Descriptors—At Risk Persons, Cooperative Learning, Decision Making, Early Intervention, *Elementary School Science, Grade 3, *Independent Study, *Learner Controlled Instruction, Magnets, Personal Autonomy, Pretests Posttests, Primary Education, Problem Solving, *Science Activities, Science Education, Surveys, Teaching Methods

The purpose of this project was to determine whether third grade students, given written directions and necessary materials, could work without teacher direction for 30 minutes. Students (N=25) were to gain skill and confidence in carrying out the processes required for completing an independent learning activity by completing science learning activity packets. The objective was to guide these students from the initial stage of seeking constant teacher direction to the end stage of seeking peer assistance and independence. Development of the learning activity packet included application of Gagne's nine instructional events and a formative evaluation. The packet was then implemented with the target population and a summative evaluation followed. The entire process followed the five stages of Instructional Systems Design. The introduction, analysis, design, development, implementation, evaluation, and summary and recommendations are included. A task analysis, independent learning activities development plan, a list of objectives sequenced and clustered into lessons, an entry behavior test, the pretest and posttest, a learning packet for six magnet activities, student answer packet, two attitude surveys with results, and teacher checklists for evaluating group and individual progress are appended. (KR)

ED 328 458 SE 051 943

Williams, James A. And Others
Science Attitude Analysis of Dayton Public School Teachers in Science.

Pub Date—Feb 91

Note—40p.; Contains some small, light, and broken type which may not reproduce well.

Pub Type—Reports—Research (143)—Tests/Questionnaires (160)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—Administrators, *Curriculum Development, *Elementary School Science, Elementary Secondary Education, Science and Society, Science Curriculum, Science Education, *Science Teachers, *Secondary School Science, Surveys, *Teacher Attitudes, Teaching Methods, Textbooks, Urban Education

Identifiers—Dayton Public Schools OH

As a beginning point for the curriculum revision process of the Dayton Public Schools, the attitudes of teachers and administrators in that particular urban area were assessed. A 17-item instrument was developed for use in the assessment. The instrument was mailed to all Dayton elementary, middle, and high schools. The attitudes held by Dayton Public School teachers regarding science instruction as it

practiced in the district's elementary, middle, and high school classrooms and the aspects of science instruction viewed as important by teachers were assessed. An introduction, limitations, methods, analysis, and discussion are included. A copy of the staff survey is appended. (KR)

ED 328 459 SE 051 944

McFadden, Charles P.

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1.
New Brunswick Univ., Fredericton. Atlantic Science Curriculum Project.

Pub Date—Jun 90

Note—71p.; For related documents, see SE 051 945-947.

Pub Type—Reports—Descriptive (141)—Information Analyses (070)—Opinion Papers (120)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—*Curriculum Development, Decision Making, *Educational Change, Educational Research, *Elementary School Science, Elementary Secondary Education, Inservice Teacher Education, Material Development, Professional Development, *Program Descriptions, Science Curriculum, Science Education, *Secondary School Science, Textbook Publication

Identifiers—*Atlantic Science Curriculum Project
This report is based on research comprising: (1) an examination of the paper trace of Atlantic Science Curriculum Project's (ASCP) history, including correspondence, records of meetings and conversations, contracts and curriculum documents, designs and materials; (2) a review of research and theoretical literature on the relationships between teaching, research, educational decision making, professional development and curriculum materials development; and (3) consideration of written and oral feedback to an initial draft of this paper from representatives of those constituencies with whom the ASCP has interacted. The first section, "A Revolutionary Reform of the System of Education," presents a model of educational change. The second section, "The interests of the Participants in Curriculum Reform," considers the relevant interests of students, teachers, authors, researchers, subject matter specialists, policy makers, parents and publishers in relation to curriculum change. Section 3, "Relationships Between Authors, Publishers and Policy Makers," examines relationships between the various participants in the process of curriculum development. Section 4, "A Strategy for Curriculum Development in the Context of an Educational Reform," suggests specific details of a strategy for a curriculum development project that aims to contribute to fundamental curriculum reform. (KR)

ED 328 460 SE 051 945

McFadden, Charles P.

Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2.
New Brunswick Univ., Fredericton. Atlantic Science Curriculum Project.

Pub Date—Sep 90

Note—51p.; For related documents, see SE 051 944-947.

Pub Type—Reports—Research (143)—Tests/Questionnaires (160)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—*Curriculum Development, Experiential Learning, Foreign Countries, Inservice Teacher Education, *Junior High Schools, Laboratories, *Professional Development, Program Descriptions, Science Activities, Science Curriculum, Science Education, *Science Instruction, Secondary Education, *Secondary School Science, Surveys, Teaching Methods

Identifiers—Atlantic Science Curriculum Project, Nova Scotia, SciencePlus Program (ASCP)

A survey of grade 7, 8 and 9 science teachers was conducted as part of a research program to determine the consequences for teaching and learning of the recent introduction of the SciencePlus program developed by the Atlantic Science Curriculum Project and the need for further curriculum and professional development. The survey explored some of the conditions of teaching, teachers' goals and instructional practices, and teachers' professional development needs and preferences. Comparison with previously published research indicated that teaching practices in the region appear to have changed over the past decade in the direction of greater hands-on practical activity. Sections include: (1) "General Information"; (2) "Teaching Experience

and Educational Background"; (3) "Institutional Arrangements"; (4) "Instructional Goals"; (5) "Instructional Methods"; (6) "Student Assessment Practices"; and (7) "Professional Development Needs." A copy of the survey questionnaire is appended. (KR)

ED 328 461 SE 051 946

McFadden, Charles P.

Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3.
New Brunswick Univ., Fredericton. Atlantic Science Curriculum Project.

Pub Date—Sep 90

Note—51p.; For related documents, see SE 051 944-947.

Pub Type—Reports—Research (143)—Tests/Questionnaires (160)

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—*Curriculum Development, Experiential Learning, Foreign Countries, Inservice Teacher Education, *Junior High Schools, Laboratories, *Professional Development, Program Descriptions, Science Activities, Science Curriculum, Science Education, Science Instruction, Secondary Education, *Secondary School Science, Surveys, Teaching Methods

Identifiers—Atlantic Science Curriculum Project, *New Brunswick, SciencePlus Program (ASCP)

A survey of grade 7, 8 and 9 science teachers was conducted as part of a research program to determine the consequences for teaching and learning of the recent introduction of the SciencePlus program developed by the Atlantic Science Curriculum Project and the need for further curriculum and professional development. The survey explored some of the conditions of teaching, teachers' goals and instructional practices, and teachers' professional development needs and preferences. Comparison with previously published research indicated that teaching practices in the region appear to have changed over the past decade in the direction of greater hands-on practical activity. Sections include: (1) "General Information"; (2) "Teaching Experience and Educational Background"; (3) "Institutional Arrangements"; (4) "Instructional Goals"; (5) "Instructional Methods"; (6) "Student Assessment Practices"; and (7) "Professional Development Needs." A copy of the survey questionnaire is appended. (KR)

ED 328 462 SE 051 947

McFadden, Charles P.

Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4.

New Brunswick Univ., Fredericton. Atlantic Science Curriculum Project.

Pub Date—Jan 91

Note—20p.; For related documents, see SE 051 944-946.

Pub Type—Reports—Research (143)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Curriculum Development, Experiential Learning, Foreign Countries, Inservice Teacher Education, Junior High Schools, Laboratories, *Middle Schools, *Professional Development, Program Descriptions, Science Activities, Science Curriculum, Science Education, Secondary Education, *Secondary School Science, *Surveys, *Teaching Methods

Identifiers—Atlantic Science Curriculum Project, New Brunswick, Nova Scotia, SciencePlus Program (ASCP)

A survey of grade 7, 8 and 9 science teachers in New Brunswick and Nova Scotia was conducted as part of a research program to determine the consequences for teaching and learning of the recent introduction of the SciencePlus program developed by the Atlantic Science Curriculum Project and the need for further curriculum and professional development. The survey explored some of the conditions of teaching, teachers' goals and instructional practices, and teachers' professional development needs and preferences. Comparison with previously published research indicated that teaching practices in the region appear to have changed over the past decade in the direction of greater hands-on practical activity. This report combines data from the New Brunswick and Nova Scotia surveys to look at the association between selected teaching conditions and selected teaching practices. Chi-square statistical analyses have been done to establish the exis-

tence of statistically significant associations between these sets of categories. (KR)

ED 328 463 SE 051 948

Livingstone, Ian D. And Others

The Computer as a Diagnostic Tool in Mathematics. Final Report—November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13.

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-77-4

Pub Date—88

Note—90p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Arithmetic. *Computer Assisted Instruction. Computer Uses in Education. *Diagnostic Tests. Elementary Education. *Elementary School Mathematics. *Foreign Countries. *Mathematics Achievement. Mathematics Education. Problem Solving

Identifiers—*New Zealand

The aim of this study was to investigate and validate the use of a computerized testing program for the diagnosis of arithmetic difficulties experienced by primary school children. The basic research question was whether a microcomputer could be used to diagnose difficulties in addition, subtraction and multiplication as well as a paper-and-pencil test can. Variables considered were convenience and ease of use, time taken, the accuracy of the diagnosis in comparison with that of an experienced remedial teacher and of a regular classroom teacher, and the usability of the information provided. An introduction, aim of evaluation, general procedure, analysis of results, formative assessment, and conclusions are provided. A trial version and revised version of the Seville Diagnostic Arithmetic Test, error scatterplots by tester, and error comparisons by levels are appended. (KR)

SO

ED 328 464 SO 020 706

Szabo, Mate

Political Education in Hungary.

Report No.—ISSN-0722-480-X

Pub Date—89

Note—20p; Paper presented at the World Congress of the International Political Science Association (Washington, DC, August 28-September 1, 1988).

Journal Cit.—Suedost-Europa, Zeitschrift fuer Gegenwartsforschung; v38 n7-8 p433-448 1989

Pub Type—Journal Articles (080) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Citizenship Education. *Educational Research. Elementary Secondary Education. Foreign Countries. Higher Education. Political Influences. Political Science. Political Socialization. Socialism. *Social Studies

Identifiers—*Hungary

The contradictions of political education in East European socialist countries based on the Hungarian experience are explored in this paper. Divided into three parts, the first part gives a brief sketch of institutionalized political education, while the second concerns the crisis of Hungary's political education emerging in the 1980s. In the third part, the alternatives to official political education are examined including subcultures, social movements and other types of informal groups. A supplement is included that briefly mentions changes in Hungary that occurred between 1988 and 1989. (DB)

ED 328 465 SO 020 773

Conrad, Debbie

Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School.

Pub Date—Feb 89

Note—12p; Paper presented at the Annual Conference of the Association of Supervision and Curriculum Development (Orlando, FL, March 12, 1989).

Pub Type—Speeches/Meeting Papers (150) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Class Activities. *Curriculum Development. Early Childhood Education. Educational Research. *Geography. Geography Instruction,

Kindergarten. *Learning Theories. *Social Studies. *Systems Approach. Teaching Experience. *Teaching Methods. Theory Practice Relationship. Thinking Skills

Identifiers—*Blossoms Taxonomy

An approach to teaching geography and social studies in elementary schools that is based on integrating theories of learning into the classroom experience is presented. Specifically, the approach described utilizes essential thinking skills and Bloom's Taxonomy of Cognition in a question-asking framework to be used with literary selections. Cognitive, physical, and creative domains are exercised through activities planned to simulate, reinforce or extend life experiences exemplified in the literary work. A number of explanatory figures appear in the document. (DB)

ED 328 466 SO 021 013

Turner, Mary Jane And Others

The Civic Achievement Award Program in Honor of the Office of the Speaker of the House of Representatives. Instructor Manual and [Student Resource Book]. Launch Edition.

Close Up Foundation, Arlington, VA.

Spons Agency—Burger King Corp., Miami, FL.

Pub Date—90

Note—256p.

Available from—Close Up Foundation, 1235 Jefferson Davis Hwy., Arlington, VA 22202 (Free).

Pub Type—Guides - Classroom - Teacher (052) — Guides - Classroom - Learner (051)

EDRS Price - MF01/PC11 Plus Postage.

Descriptors—Citizen Participation. *Citizenship Education. Citizenship Responsibility. Democratic Values. Elementary Education. Instructional Materials. Interdisciplinary Approach. Learning Activities. *National Programs. Program Guides. Social Studies. *Student Projects. Teaching Guides

The Civic Achievement Award Program (CAAP) was established by the U.S. Congress in response to national concerns about the need to increase civic literacy among the nation's young people. The program was designed to provide elementary and middle school educators with interdisciplinary materials that focus on providing a base of civic competence, knowledge, and skills for all citizens. CAAP consists of three student projects: the learning project, the research project, and the civic project. Students who participate in the program receive the Civic Achievement Award, a certificate from the United States Congress. The first of these related manuals is for CAAP instructors and contains sections paralleling the student book. The three student projects are described, including each project's purpose, components, and process, and examples from schools that have used the CAAP program. The instructor's manual also includes a class management form, a guide for obtaining publicity, and a list of national and government organizations. Answers to the study sheets and mastery test that appear in the student book make up two-thirds of the instructor's manual. The second of these manuals, for students, includes the CAAP timeline which lists some of the important events that have occurred in the United States from 1492 to the present. Using information from the timeline, students are expected to complete the learning project, which is designed to provide them with a common body of knowledge relating to U.S. history, government, geography, economics, culture, and current events. This guide also includes the materials necessary for students to complete the research project, which teaches students that the ability to analyze information and to communicate it to others is necessary for full participation in democracy, and the civic project, which encourages students to become informed and to develop opinions about civic issues. (DB)

ED 328 467 SO 021 016

Duric, Ladislav

Essentials of Educational Psychology.

International Bureau of Education, Paris (France).

Spons Agency—United Nations Educational, Scientific, and Cultural Organization, Paris (France).

Report No.—ISBN-92-3-102631-3

Pub Date—89

Note—166p; Part of the series, "Educational Sciences."

Available from—Jessica Kingsley Publishers, 118

Pentonville Road, London N1 9JN England.

Pub Type—Books (010) — Reports - Research (143)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Creative Development. Creative Thinking. *Developmental Psychology. *Educational Psychology. *Educational Research. Elementary Secondary Education. Foreign Countries. Higher Education. Public Schools. School Role. Social Influences. Student Attitudes. *Student Development. Student Experience. *Student School Relationship. Surveys. Tables (Data)

Identifiers—*Czechoslovakia

Children mature into adults through their own activities and the influence of their social environment. One such social influence, education, is purposeful, planned, and institutionalized. Educational psychology investigates the psychological foundations of this process, particularly in the development of humankind. The publication focuses on such topics as: (1) general problems of psychology in education and upbringing; (2) special issues of educational psychology; (3) psychological issues of teaching and learning; (4) psychological aspects of developing creative thinking among pupils and students; (5) performance and fatigue among pupils and teachers; and (6) the place of psychology in the Czechoslovak education system." A 41-item bibliography is appended. (NL)

ED 328 468 SO 021 018

Ravitch, Diane

The Changing History-Social Science Curriculum:

A Booklet for Parents.

California State Dept. of Education, Sacramento.

Curriculum, Instruction, and Assessment Div.

Report No.—ISBN-0-8011-0874-8

Pub Date—90

Note—27p.

Available from—Bureau of Publications, Sales Unit, California Department of Education, P.O. Box 271, Sacramento, CA 95802-0271 (\$5.00 for 10 copies).

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Curriculum Development. Elementary Secondary Education. Geography Instruction. History Instruction. *Parent Student Relationship. Social Sciences. Social Studies. State Curriculum Guides. Student Educational Objectives

Identifiers—*California

The lack of U.S. students' knowledge of history and geography has been portrayed on television and in the newspapers as a national problem. California's public schools are taking significant steps to ensure that all students have a well developed understanding of their society and the world. This guide for parents answers some of the most commonly asked questions about the 1987 California History-Social Science Framework (for K-12) and suggests concrete ways in which parents can help their children succeed in school. A literature list for parents and children (K-12) is included. (DB)

ED 328 469 SO 021 019

American History Guide, Bulletin 1599. Revised

1989.

Louisiana State Dept. of Education, Baton Rouge.

Div. of Academic Programs.

Pub Date—89

Note—543p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF02/PC22 Plus Postage.

Descriptors—Course Content. Course Objectives. Curriculum Development. Elementary Secondary Education. *History Instruction. Learning Activities. Skill Development. Social Studies. State Curriculum Guides. Student Educational Objectives. Teaching Methods. *United States History

Identifiers—*Louisiana

The State of Louisiana's curriculum guide for the American History course is presented. Subdivided into four to seven units, the six sections of the course are: (1) toward a new nation; (2) conflict and reunion; (3) emergence of modern America; (4) conflict and international power; (5) global change and conflict; and (6) problem and prospects. For each part of the course content outlined, an objective, concepts, generalizations, and activities are listed. The Louisiana Social Studies Program Rationale and Curriculum Goals are included, as are a bibliography and a section on evaluative techniques. A two-part appendix contains: (1) skills that are a major responsibility of social studies; and (2) skills that are a definite, but shared responsibility of social studies. (DB)

ED 328 470

SO 021 022

Gromada, Thaddeus V.

The New Jersey Governor's Commission on Eastern European and Captive Nation History Report.

New Jersey Governor's Office, Trenton.
Pub Date—Jul 89

Note—48p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Area Studies, Curriculum Development, *Curriculum Evaluation, *European History, Foreign Countries, Foreign Culture, *History Instruction, Intermediate Grades, Public Schools, Secondary Education, Social Studies, State Standards, *State Surveys, Textbook Content, *Textbook Evaluation, World History

Identifiers—*Europe (East), *New Jersey

This document is the report of a commission appointed by the Governor of New Jersey to examine the status of Eastern European studies in the state's public schools. The commission surveyed the state's secondary schools and found that the Eastern European region outside of Russia was given very little attention. As its main focus, the commission appraised and evaluated 17 textbooks as to their treatment of Eastern Europe. From its analysis, the commission concluded that inadequate and inaccurate coverage was given to the history and culture of Eastern Europe. The commission made 12 recommendations based on its evaluation, including the creation of state guidelines emphasizing the importance of the Eastern European region, making grants available for the development of curriculum materials and other educational resources, and providing teacher training to give sufficient attention to the history and culture of Eastern Europe. The appendixes include a list of the textbooks examined and the survey instrument. (DB)

ED 328 471

SO 021 024

Arizona Dramatic Arts Essential Skills.

Arizona State Dept. of Education, Phoenix.
Pub Date—Apr 90

Note—197p.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—*Art Education, *Basic Skills, Curriculum Design, *Dramatics, Elementary Secondary Education, Skill Development, State Curriculum Guides, Student Educational Objectives, Teaching Methods

Identifiers—*Arizona

The essential skills in the dramatic arts for K-12 students as promulgated by the State of Arizona are presented. Three goals are identified for all students: (1) create drama through artistic collaboration; (2) form aesthetic judgments; and (3) relate dramatic arts and its significant works to its social and historical context. The ways in which these goals are to be met at the various grade levels (K-3, 4-6, 7-8, 9-12) are identified; the essential skills students need to develop are outlined; and suggestions for teachers in making student evaluations are put forth. Ongoing personal and interpersonal behaviors to be cultivated at all grade levels also are identified. A glossary of dramatic arts terms and a 92-item bibliography are included. (DB)

ED 328 472

SO 021 039

Al-Rubaiy, A. Al-Zubaidy, K.

The History of the March toward Literacy in Iraq.
Pub Date—Sep 90

Note—21p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adult Basic Education, Adult Literacy, Arabs, Basic Skills, Developing Nations, *Educational Development, *Educational History, *Educational Policy, Elementary Secondary Education, Foreign Countries, *Foreign Culture, Functional Literacy, *Illiteracy, *Literacy, Literacy Education, National Programs, Skill Development

Identifiers—*Iraq

In most of the Arab world, the development of a national education system has been a recent process. Currently, one out of every two Arabs can neither read nor write. This paper focuses on how illiteracy has been dealt with in the country of Iraq. A 1947 survey put total illiteracy of those 15 years and older at 89.1%. In the period following the 1958 revolution, it was increasingly viewed as the responsibility of the government to expand education and to eradicate illiteracy. The education system was

expanded and the growth was too rapid. The result was a deterioration of quality, and illiteracy continued to be widespread. The period since the revolution of July 17, 1968, marked a new era in the campaign against illiteracy. After several ineffectual efforts, the leading party (BASP) in 1978 launched the National Comprehensive Campaign for Literacy, making the eradication of illiteracy a national issue. By 1980 the campaign claimed 1,588,997 citizens had become literate. This figure represents 76.4% of the 2.3 million target population of 15-45 year-olds. Real gains have been made, yet, in spite of the campaign's figures, it is still too soon to evaluate the program in terms of achieving a high degree of adult literacy. A list of 15 references is included. (DB)

ED 328 473

SO 021 041

Stanley, Julia

Doing Democracy: Case Study at Cato Park.

Pub Date—90

Note—13p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Democracy, *Educational Research, *Ethnography, Foreign Countries, Higher Education, *Interviews, *Research Methodology, Secondary Education, *Social Class, *Social Science Research, Student Attitudes

Identifiers—*England

This document describes the process of initiating an ethnographic research project at a non-elite school in England that asked the question: "Why do ordinary youngsters bother to go to school?" The study followed a selected group of students for 2 years of high school before they took the public examinations at age 16. The school was analyzed from the standpoint of an outsider using insider knowledge from trusted informants; in general, a "democratic" or collaborative approach was followed. Findings and interpretations, published in "Marks on the Memory" (Stanley, 1989), showed that what students got out of Cato Park school depended on where they fit into the school's class system and where they belonged on a spectrum of gender and ability. The main focus of the document is the process of participatory research, including the effort to make results meaningful to participants and insight acquired about the process from other researchers' work. (NL)

ED 328 474

SO 021 049

Hoepfl, Nancy L. Ed.

Great Decisions '86.

Foreign Policy Association, New York, N.Y.

Report No.—ISBN-0-87124-101-3; ISSN-0072-727x

Pub Date—86

Note—103p.; For related documents, see ED 283 743, ED 295 860, ED 308 117, and ED 213 635.

Photographs will not reproduce clearly.
Available from—Foreign Policy Association, 205 Lexington Avenue, New York, NY 10016 (\$7.00).

Pub Type—Guides - Classroom - Learner (051) —
Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Adult Education, *Citizenship Responsibility, Class Activities, Democracy, Developing Nations, *Foreign Policy, Government Role, Instructional Materials, *International Relations, Peace, *Policy Formation, Political Issues, Public Opinion, Secondary Education, *World Problems

Designed to initiate discussion of foreign policy decisions, this book contains an analysis of eight foreign policy issues confronting the United States in 1986. Each unit provides the background and guidelines to provide perspective to assist in understanding foreign policy crises. The units included in this issue are: (1) "How Foreign Policy Is Made: The Case of Central America"; (2) "Star Wars and the Geneva Talks: What Future for Arms Control?"; (3) "Democracy in Latin America: Focus on Argentina and Brazil"; (4) "International Terrorism: In Search of a Response"; (5) "European Community and the U.S.: Friction Among Friends"; (6) "Third World Development: Old Problems, New Strategies"; (7) "Israel and the U.S.: Friendship and Discord"; and (8) "Religion in World Politics: Why the Resurgence?" Each section includes a reading list. Ballots for use in voting on issues addressed in discussion groups are also appended. (NL)

ED 328 475

SO 021 050

Hardesty, Carolyn. Ed.

Caring for Iowa's Children.

Iowa State Historical Society, Iowa City.

Report No.—ISSN-0278-0208

Pub Date—90

Note—33p.; For related documents, see ED 319 641, ED 314 356, ED 314 306, ED 309 131, ED 289 799 and ED 270 342.

Journal Cit—Goldfinch; v12 n2 Nov 1990

Pub Type—Collected Works - Serials (022)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adopted Children, Adoption, Child Advocacy, Child Rearing, Childrens Rights, *Child Welfare, Elementary School Students, Elementary Secondary Education, History Instruction, Instructional Materials, Public Agencies, Secondary School Students, *Social Agencies, *Social History, Social Services, Social Studies, *State History

Identifiers—*Iowa, *Orphans

This issue of "The Goldfinch," a magazine of Iowa history for young people, features articles, stories, and activities concerning the history of persons and institutions that have cared for the children of Iowa. Among the articles included are "What about the Children?" "Iowa's Orphan Annie"; and "When Children Are Adopted." (DB)

ED 328 476

SO 021 054

Brown, Carol S.

K-12 Social Science Program Evaluation.

Des Moines Public Schools, IA. Teaching and Learning Div.

Pub Date—Jul 90

Note—58p.

Pub Type—Guides - Non-Classroom (055) —
Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Citizenship Education, *Curriculum Development, *Curriculum Evaluation, Educational Planning, Elementary Secondary Education, *Evaluation Research, Geography Instruction, History Instruction, *Program Evaluation, *Public Schools, Social Sciences, *Social Studies

Identifiers—Des Moines Public Schools IA

A 10-year study was done by the National Council of Social Studies of the Holt/Rhinehart/Winston elementary social science program, which was adopted by the Des Moines public schools in 1983. The program was found to be comprehensive and compatible with student mental development, emotional maturation, and interest level. This document presents the evaluation of the curriculum content, including historical background, state standards, district policies and procedures, social science sequence of courses, instructional methods, and needs. The input evaluation analysis includes: budget, community, and revenue sources; time allotment; and equipment. The process evaluation contains goals, in-service staff development, professional meetings, communication network, needs, and goals. Product evaluation covers test results, an advanced placement report, classroom observations, enrollments standards, adherence to policies or regulations, and future plans. Primary goals include the development of socialization skills, geography skills, respect for ethnic diversity, appreciation of U.S. culture, understanding of democratic principles, and ideas and development of responsible citizenship. (NL)

ED 328 477

SO 021 055

C-Span in the American Government Classroom.

National Cable Satellite Corp., Washington, DC.

Pub Date—90

Note—25p.; Photographs and two-tone graphics may not reproduce well.

Available from—C-Span in the Classroom, 400 North Capitol Street, N.W., Washington, DC 20001.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Audiovisual Aids, *Cable Television, Citizenship Responsibility, Civics, Class Activities, *Educational Television, High Schools, Instructional Materials, Political Science, Primary Sources, Social Studies, Teaching Guides, *United States Government (Course), Units of Study

Identifiers—CSPAN

Encouraging educators' use of live and unedited television coverage of the functions of government, this publication contains seven lessons for the high school social studies curriculum. The C-Span has no time or space constraints and broadcasts all events

in their entirety; unedited lessons teach concepts and objectives and the emphasis is on the process of government. Lessons cover congressional hearings, how a bill becomes law, negotiating and compromising, congressional leadership, qualifications for Congress, Congress and the executive branch, and types of persuasion. Each lesson has an overview, list of objectives procedure, follow-up activities, and worksheets. (NL)

ED 328 478 SO 021 056

Haupt, Arthur Kane, Thomas T.

The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition.

Population Reference Bureau, Inc., Washington, D.C.

Report No.—ISBN-0-917136-09-8

Pub Date—88

Note—74p.; Two-tone graphs will not reproduce clearly.

Available from—Population Reference Bureau, Inc., 1875 Connecticut Avenue, N.W., Suite 520, Washington, DC 20009 (\$5.00 each, plus \$1.00 shipping).

Pub Type—Guides - General (050) — Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Demography, *Developing Nations, *Global Approach, *Instructional Materials, *Population Education, *Reference Materials, *Secondary Education, *Social Studies, *Statistical Data, *Tables (Data), *Women's Education, *Women's Studies, *World Problems

Demography is the scientific study of populations. Population change has an impact on every facet of life. This revised handbook contains additional information on how to calculate the total fertility rate and life tables. The purpose of the handbook is to clarify and explain demographic terminology, to aid public understanding, and to assist policymakers, teachers, students, and others who need to understand, cite, and utilize population information. Major areas covered are: (1) age and sex composition; (2) fertility; (3) mortality; (4) morbidity; (5) nuptiality; (6) migration; (7) urbanization and distribution; and (8) population change. A glossary, censuses, surveys, and population information sources also are appended. (NL)

ED 328 479 SO 021 059

Population in Perspective: Regional Views. A Population Learning Series.

Population Reference Bureau, Inc., Washington, D.C.

Pub Date—Oct 86

Note—48p.

Available from—Population Reference Bureau, Inc., 1875 Connecticut Avenue, N.W., Suite 520, Washington, DC 20009 (\$3.00 each, plus \$1.00 shipping).

Pub Type—Guides - Non-Classroom (055) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Demography, *Developed Nations, *Developing Nations, *Environmental Education, *Futures (of Society), *Global Approach, *Higher Education, *Instructional Materials, *Population Education, *Resource Materials, *Secondary Education, *Social Studies, *Women's Education, *World Problems

The world's population faces a series of problems that are similar in all countries, although more exacerbated in developing nations. This population study presents statistical facts and information concerning developed and developing nations and their populations, growth, the status of women, migration, the labor force, changing age structures, refugees, and food production. Regions covered are: (1) North America; (2) Western Europe; (3) The Soviet Union and Eastern Europe; (4) Asia and the Pacific; (5) Middle East and North Africa; (6) Sub-Saharan Africa; and (7) Latin America and the Caribbean. The report may be used for teaching about populations in regions of the world. (NL)

ED 328 480 SO 021 064

Holland, Simon

How Computers Are Used in the Teaching of Music and Speculations about How Artificial Intelligence Could Be Applied to Radically Improve the Learning of Compositional Skills. CITE Report No. 6.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—86

Note—35p.; For related documents, see SO 021 065-067.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Artificial Intelligence, *Computer Assisted Instruction, *Computer Science, *Computer Uses in Education, *Educational Research, *Educational Technology, *Educational Trends, *Elementary Secondary Education, *Foreign Countries, *Interactive Video, *Musical Composition, *Music Education, *Skill Development

This paper forms part of a preliminary survey for work on the application of artificial intelligence theories and techniques to the learning of music composition skills. The paper deals with present day applications of computers to the teaching of music and speculations about how artificial intelligence might be used to foster music composition in the future. The field of music composition makes use of computer aided instruction in the areas of music theory, music history, and aural testing. Music Logo, the use of the programming language, Logo, to create music, is another application of computer technology to music. Computerized musical instruments allow students to compose and play music at their own level; to listen and adapt these compositions; and to analyze existing music for pitch, note intervals and values, and pattern recognition. Interactive videogames provide untrained students with opportunities to compose music and hear it immediately and to teach musical transformations through simple visual manipulation of music. In the future, artificial intelligence may make modest contributions to support the learning of music composition in the areas of intelligent tutors that focus on music theory, aural training, harmonization, and some highly formalized and artificial styles of composition. Intelligent tools in the form of editors, instruments, and analytical aids along with educational games also could help students learn about music composition. The document contains 16 figures. (DB)

ED 328 481 SO 021 065

Laurillard, Diana

The Different Forms of Learning in Psychology and Education. CITE Report No. 24.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—Oct 87

Note—23p.; Paper presented at the Conference of the Society for Research into Higher Education/British Psychological Society (Lancaster, England, 1985). In: Richardson, Eysenck, and Piper, Eds., "Student Learning in Research in Education and Cognitive Psychology." SRHE & Open University Press, 1987. For related documents, see SO 021 064-067.

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Cognitive Development, *Cognitive Processes, *Cognitive Psychology, *Educational Environment, *Educational Philosophy, *Educational Practices, *Educational Research, *Elementary Secondary Education, *Foreign Countries, *Learning Processes, *Learning Theories, *Thinking Skills

There are fundamental differences in the forms of learning addressed by cognitive psychologists and educationalists. The phenomena explained by a psychological theory of learning are the successes of human cognition. The mechanisms posited are designed to account for how learning takes place, where the content of the learning is the physical and social world around us. Educational theories of learning usually concern students' failure to learn. The content of the learning that is supposed to take place is a different kind of world: the world of other people's ideas. Psychological theories of why people fail to learn an idea do not provide adequate explanation because of a key difference: the content in this case is not the "natural" environment of the real world to which the learner has immediate access but the world of academic ideas, an "unnatural" environment. The same cognitive capacities that work well in the natural environment do not in the unnatural environment. In education, students fail to learn at least partly because the environment does not afford learning. Instead of providing study skill courses, educators need to enrich students' means of access to the unnatural world of academic ideas. An 18-item reference list is included. (DB)

ED 328 482 SO 021 066

Hawbridge, David

Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—Jan 90

Note—28p.; Paper presented at the Workshop on Computers in Education (Kwaluseni, Swaziland, December 10-14, 1989). For related documents, see SO 021 064-067.

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*African Studies, *Computer Uses in Education, *Developed Nations, *Developing Nations, *Economic Development, *Educational Development, *Educational Policy, *Educational Technology, *Elementary Secondary Education, *Foreign Countries, *Higher Education, *Science and Society

Identifiers—*Africa

Organized in three parts, this paper examines rationales for introducing computers into schools and universities in African countries and compares these rationales with those being advanced in industrial countries. Part 1 asks whether developing countries in Africa need computers and why, and supplies some answers. Part 2 looks critically and in detail at the main rationales for putting computers in schools. Lastly, part 3 looks at the experiences of four African countries: Botswana, Kenya, Lesotho, and Zimbabwe. This review leads to two questions: what should happen next regarding computers in African schools and universities and what is going to happen next? A 50-item reference list is included. (Author/DB)

ED 328 483 SO 021 067

Baker, Mike

Intelligent Computer-Aided Instruction and Musical Performance Skills. CITE Report No. 18.

Open Univ., Walton, Bletchley, Bucks (England). Inst. of Educational Technology.

Pub Date—Jul 87

Note—26p.; Transcript of a talk presented at the Conference of the Open University CAL Research Group (Milton Keynes, England, December 1986). For related documents, see SO 021 064-066.

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Artificial Intelligence, *Cognitive Processes, *Computer Assisted Instruction, *Computer Uses in Education, *Educational Technology, *Foreign Countries, *Interactive Video, *Learning Strategies, *Learning Theories, *Music Education, *Music Techniques, *Music Theory, *Skill Development, *Teaching Methods

This paper is a transcription from memory of a short talk that used overhead projector slides, with musical examples played on an Apple Macintosh computer and a Yamaha CX5 synthesizer. The slides appear in the text as reduced "icons" at the point where they would have been used in the talk. The paper concerns ways in which artificial intelligence techniques could be applied to enable computers to make some kind of useful input into teaching musical performance skills. The overall plan of the paper falls into three main parts, namely: "What should be taught?" "How could it be taught?" and "Could it and should it be done?" A particular psychological characterization of musical performance is discussed as a means of answering the first question: what should teachers be trying to teach? The question, how could teachers teach it, then becomes a problem of finding a knowledge representation which both models these cognitive processes and is suitable for the teaching strategies desired. The question as to whether the proposal could be done is a matter of having the needed human and technological resources—and of stretching them to the limit in anticipation of future advances. As to whether it should be done, what is needed is a reasonable assurance that the research will make some useful contribution both to music education and to general design principles in computer aided instruction. Design considerations for the technology for creating the appropriate environment to develop music performance skills are examined and practical implications of the human and technological resources used for computer design and for music education are explored. An appendix contains questions, suggestions, and answers that

were raised in the original discussion, together with a short list of works referred to in the paper. (DB)

ED 328 484 SO 021 068
Hollan, Simon

A Knowledge-Based Tutor for Music Composition.
CITE Report No. 16.

Open Univ., Walton, Bletchley, Bucks (England).
Inst. of Educational Technology.

Pub Date—87
Note—12p; CITE Report No. 16. An extended abstract of a paper that was presented at the International Conference on Artificial Intelligence and Education (3rd, Pittsburgh, PA, May 9, 1987).

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Artificial Intelligence, Cognitive Processes, Computer Assisted Instruction, Computer Uses in Education, Educational Technology, Foreign Countries, Learning Activities, Learning Processes, *Musical Composition, *Music Education, *Programmed Tutoring, Skill Development

The work described here forms part of a project using models of musical ideas within an artificial intelligence and education framework whose goal is to encourage and facilitate music composition by novices. Formal knowledge of the domain (popular music) is too incomplete and fragmented to support a traditional expert-based tutor for precisely constrained tasks with clear-cut rules. Instead the proposed system will try to construct teaching plans on the basis of what novices can do, and equally importantly, what they like, in order to help them find paths to personally important goals. As well as an attempt to tackle the stringent demands of the particular domain, the research is an exploration of whether it is possible to tutor effectively with incomplete knowledge in a complex domain. A 20-item reference list is included. (Author/DB)

ED 328 485 SO 021 069
Baker, Michael

Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38.

Open Univ., Walton, Bletchley, Bucks (England).
Inst. of Educational Technology.

Pub Date—May 88
Note—40p; Paper presented at the European Seminar on Intelligent Tutoring Systems (Tubingen, West Germany, September 1987).

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Artificial Intelligence, *Cognitive Processes, Computer Assisted Instruction, Computer Uses in Education, Foreign Countries, Knowledge Level, Learning Processes, *Musical Composition, Music Education, *Programmed Tutoring, Teaching Methods

Identifiers—England

The design of an Intelligent Tutoring System (ITS) in a knowledge domain where expertise is modeled as a set of uncertain and incomplete beliefs that are justifiable and expressible in the form of a critical argument is outlined. Issues concerning knowledge communication in a tutorial interaction are discussed with reference to a cognitive model for perception of musical structures, used in an ITS for structural analysis and interpretation of tonal music. A tutorial dialog planning system is outlined that uses sets of context spaces (Reichman 1986) whose discourse function matches possible tutorial actions. Nine figures and a 62-item bibliography are included. (Author/DB)

ED 328 486 SO 021 078
Hornstein, Stephen E.

If the World is Round and Schools are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools.

Pub Date—Apr 90
Note—22p; Paper presented at the Annual Meeting of the Comparative and International Education Society (Anaheim, California, March 24, 1990).

Pub Type—Reports - Descriptive (141) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Curriculum Development, Educational Change, Elementary Secondary Education, *Global Approach, *International Studies, *Multicultural Education, Social Studies, Student Educational Objectives, *World Affairs

Identifiers—*Global Education

A survey of recent literature on global education and observations of actual global education programs reveal that there is a wide gap between how global education is viewed in the abstract and how it is actually practiced. The argument is made that the nature, conduct, and purpose of schools are in conflict with the goals to which global education aspires. Changes in the basic structure of schools are necessary if global education is to truly flourish. A 37-item list of references is included. (DB)

ED 328 487 SO 021 100
Peters, Richard

Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP).

Global Horizons, The Center for Applied Ecosocial Studies, Plaistow, N.H.

Pub Date—Aug 90
Note—74p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Curriculum Design, *Curriculum Development, Elementary Education, Foreign Countries, Foreign Culture, *Geography Instruction, *Global Approach, *Human Geography, *Social Studies, Student Educational Objectives, Teaching Methods

In creating a continuous-integrated-sequential curriculum for grades 5-8, educators must raise and answer a series of questions to guide them in their decision-making. This paper raises and answers questions pertinent to the creation of a curriculum in cultural geography. Among the topics addressed are teaching methods, learning processes, curriculum organization, instruction materials/community resources, essential social science concepts for inclusion, and assessment. An examination of geography, specifically cultural geography is made, including important concepts, student skills, and classroom/field-based, learner activities. A list of 40 selected references is included. (DB)

ED 328 488 SO 021 101
Peters, Richard

Social Studies Education: An Interpretive History of Discovery, Change, Innovation, and Trends. Humans & Environment Learning Program (HELP).

Global Horizons, The Center for Applied Ecosocial Studies, Plaistow, N.H.

Pub Date—Jun 90
Note—66p.

Pub Type—Reports - Descriptive (141) — Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Curriculum Development, Educational Change, *Educational History, Educational Objectives, Elementary Secondary Education, *Social Studies, Student Educational Objectives

Since the 1960s, social studies education in public schools has undergone a series of fluctuations. The 1960s and 1970s were periods of great reform and experimentation; much attention was given to how to teach and the content of process, yet there was insufficient concern for the goals of student learning. The 1980s saw a reaction to these earlier trends: emphasis was placed on "excellence" and "basics" and student skill development, yet not much attention was paid to how these goals might be achieved. This paper documents these fluctuations in social studies education, and also discusses the consensus of social studies educators as the 1990s begin. Today educators believe that social studies must teach students how to live and function in an increasingly global community. A number of sample lessons for elementary and middle school students, based on this emphasis on global education, is included. A list of 58 selected references is also included. (DB)

ED 328 489 SO 021 107
Vandell, Kathy Fishbein, Lauren

Women and Tenure: The Opportunity of a Century. American Association of Univ. Women, Washington, D.C.

Pub Date—Dec 89
Note—6p.

Available from—American Association of University Women, Sales Office, 11722 Parklawn Drive, Rockville, MD 20852 (\$1.00).

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Rank (Professional), College Faculty, Employment Practices, *Equal Opportunities (Jobs), Faculty Promotion, Females, Higher Education, Salary Wage Differentials, Sex Bias, Sex Discrimination, *Tenure, Tenured Faculty, *Women Faculty

Over the past two decades, women have entered academe in unprecedented numbers. Even so, women remain disproportionately underrepresented in the ranks of tenured faculty members. What are viewed as the major causes of this inequity—the tenure system's inadequacies, the tenure crunch of recent decades along with the related increase in hiring of adjunct faculty, and the persistence of sex discrimination in allocation of resources and evaluation of work—are discussed in this policy brief. In spite of the factors working against women in academe, it is likely that the 1990s will present a window of opportunity for women faculty as a large number of their colleagues are expected to retire and the number of doctorates awarded declines. Sixteen strategies to take advantage of the predicted easing of the tenure crunch are offered. (DB)

ED 328 490 SO 021 112
UNESCO and Africa.

United Nations Educational, Scientific, and Cultural Organization, Paris (France).

Pub Date—89
Note—36p.

Available from—United Nations Educational Scientific, and Cultural Organization, UNESCO Sales division, 7 Place de Fontenay, 75701 Paris France.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Communications, *Developing Nations, Economic Development, Educational Development, Foreign Countries, Foreign Culture, International Cooperation, *International Programs, Scientific and Technical Information, Social Sciences, Technical Assistance

Identifiers—*Africa, *UNESCO

A summary of UNESCO action in Africa over the past decade is presented. Efforts to aid African nations develop in the fields of education, science and technology, social sciences, culture, and communication and information are described. Appendices list the permanent African delegations to UNESCO; UNESCO established offices in Africa also are described. (DB)

ED 328 491 SO 021 113
Haas, Mary E.

Teaching about Women and the Vietnam War.

Pub Date—Nov 90
Note—12p; Paper presented at the Annual Meeting of the National Council for the Social Studies (Anaheim, California, November 1990).

Available from—Mary E. Haas, 604 Allen Hall, University of West Virginia, Morgantown, WV 26506.

Pub Type—Guides - Classroom - Teacher (052) — Speeches/Meeting Papers (150)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Learning Activities, Secondary Education, Social Studies, Teaching Methods, *United States History, *Vietnam War, *War, *Womens Studies

Procedures for teaching about women and the Vietnam War using class activities and discussion questions are presented. The topics for which activities are suggested include: analysis of quotes by nurses and military women; dealing with the war-caused deaths; journalists; and civilian women. A list of seven references is included. (DB)

ED 328 492 SO 021 119
Meadows, Darrell

The Vietnam War: A Four Week Instructional Unit. Grades 11-12.

Pub Date—Nov 90
Note—49p.

Available from—Darrell Meadows, 5069A Milentz, St. Louis, MO 63019.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Foreign Countries, Foreign Culture, *Foreign Policy, Grade 11, Grade 12, High Schools, Instructional Materials, International Studies, Learning Activities, Social Studies, Teaching Methods, *United States History, Units of Study, *Vietnam War, World Affairs

This 4-week curriculum is designed to help 11th

and 12th grade students reach an understanding of the history and culture of Vietnam and the roots of U.S. military involvement there, and also to draw lessons from U.S. actions during the war in Vietnam. Students are encouraged to engage in critical thinking, evaluation, drawing conclusions, taking positions on political and social issues, and hopefully becoming more interested in international affairs and the further study of other cultures. Class activities include role playing, class and group discussions, report writing, library readings and research, talks by guest speakers, and video presentations. A unit syllabus and examinations are included along with lists of concepts, goals, and objectives, student handouts, and an extensive bibliography of resource materials. (DB)

ED 328 493 SO 021 145

Speltz, Carol A. Shaughnessy, Michael F.

Human Interactions in Education: The Museum as an Experiential Learning Center.

Pub Date—90

Note—22p.

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Discovery Learning, Elementary Secondary Education, *Experiential Learning, Learning Activities, Learning Experience, Learning Strategies, *Museums, Student Experience Identifiers—*Logotherapy

Although logotherapy has been generally seen as a therapeutic technique, its usefulness in other areas cannot be underestimated. This paper examines museum education from a theoretical "logos" perspective and from a practical application of effective museum utilization for students. While museums will never replace schools in the formal education process, they can provide invaluable supplemental services. Relying on real objects, not words, to stimulate creativity and inquiry, museums allow for relatively simple transfer to real world experiences. Long involved in traditional education, museums remain a voluntary place to learn; current literature indicates new approaches to learning through inquiry and hands-on offer experiences are not usually found in schools. Museums need to be more educationally accountable, teaching exhibits must have performance objectives, and museum/school staffs should strengthen relations to allow students full benefit of their experiences. A 37-item reference list is included. (DB)

ED 328 494 SO 021 152

The Industrial Revolution. Land and Freedom—Issues in World History.

Henry George School, New York, NY.

Pub Date—[90]

Note—13p.; For related documents, see SO 021 153-155.

Pub Type—Guides - Classroom - Teacher (052) — Historical Materials (060)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Economics, *History Instruction, *Land Use, Learning Activities, Secondary Education, Social Studies, Teaching Methods, Women's Studies, *World History Identifiers—*Industrial Revolution

Fifteen activities for secondary social studies classes are provided in this unit that focuses on four central ideas stressing the role that land and the free market played in the Industrial Revolution. (1) "Women and Property" discusses the changes in both the status and rights of women, particularly in terms of women's rights in land. (2) "A Shift in Economics" emphasizes the shift from a land-based economy to one based on capital. (3) "Geography and Its Impact" focuses on the interaction between man and the environment that shaped the Industrial Revolution in England. (4) "Advent of Free Markets" shows how state-controlled economies began to evolve into free markets. Each features a central theme and key concepts. (DB)

ED 328 495 SO 021 153

Rubenstein, Stan

Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction].

Henry George School, New York, NY.; Robert Schalkenbach Foundation, Inc., New York, NY. Pub Date—[88]

Note—82p.; For related documents, see SO 021 152-155.

Pub Type—Guides - Classroom - Teacher (052) — Historical Materials (060)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—American Indians, Developing Nations, Economics, *History Instruction, *Land Use, Learning Activities, Secondary Education, Social Studies, Teaching Methods, United States History, *World History Identifiers—Latin America

Twenty self-contained lessons about land and freedom feature activities that can be used with high school social studies classes. The lessons are: Indian Land Ownership, The Dutch and the New World, Colonial Mercantilism, the Declaration and Natural Rights, Jefferson and Liberty, Louisiana Purchase, the Tariff Issue of 1824, Panic of 1837, John Jacob Astor—America's Wealthiest Man, the Antirent Riots in New York State, Irish Immigration, the Mexican Cessions, Railroad Land Grants, Homestead Act, Forty Acres and a Mule, Imperialism in Central America, the Closing of the Frontier, the Reform Period and Henry George, Roosevelt—the Deficit and the New Deal, and Land—Our National Heritage. Each lesson includes a theme, a sub-theme, background, concepts, performance objectives, and related texts. (DB)

ED 328 496 SO 021 154

Rubenstein, Stan

Land and Freedom—Issues in World History.

Henry George School, New York, NY.

Pub Date—[88]

Note—62p.; For related documents, see SO 021 152-155.

Pub Type—Guides - Classroom - Teacher (052) — Historical Materials (060)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*History Instruction, *Land Use, Learning Activities, Secondary Education, Social Studies, Teaching Methods, *World History Identifiers—Latin America

This series of self-contained lessons in land use features activities that can be used with any high school world history, global education, or European history social studies classes. The fifteen lessons included are: (1) Rome's Landed Estates; (2) The Gracian Revolution; (3) The Feudal Land System; (4) The Domesday Book; (5) Mercantilism; (6) The Enclosure Movement; (7) The Old Regime in France; (8) Malthus: Populations and Poverty; (9) Emancipation of the Russian Serfs; (10) The Fore-runner of Germany: Zollverein; (11) Sun Yat-Sen's Three Principles; (12) The Soviet Five-Year Plans; (13) Chinese Land Reform Under Communism; (14) American Occupation and Land Reform in Japan; and (15) Land Ownership in Latin America. Each lesson provides a theme, a sub-theme, background, concepts, performance objectives, and a list of related texts. (DB)

ED 328 497 SO 021 155

Ehrman, Ted Rubenstein, Stan

Land and Freedom—Economic Studies.

Henry George School, New York, NY.

Pub Date—[89]

Note—82p.; For related documents, see SO 021 152-154.

Pub Type—Guides - Classroom - Teacher (052) EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Economic Factors, Economics, *Economics Education, Learning Activities, Secondary Education, Social Studies, Teaching Methods

This series of 20 self-contained lessons in the study of economics, features activities that can be used with any high school economics instruction. The lessons included are: (1) Opportunity Costs; (2) Factors of Production; (3) Economic Systems; (4) Self Interest; (5) Class Struggle; (6) Economic Institutions; (7) Supply and Demand; (8) Markets and Prices; (9) Laws of Distribution; (10) Wages of Labor; (11) Interest on Capital; (12) The Law of Rent; (13) Gross National Product; (14) Business Cycles; (15) Taxation; (16) The Single Tax; (17) The Malthusian Theory and the Law of Diminishing Returns; (18) Comparative Advantage; (19) Free Trade or Protection; and (20) Economic Problems of Less-Developed Countries. Each lesson includes a theme, a sub-theme background, concepts, performance objectives, and a list of related texts. (DB)

ED 328 498 SO 030 328

North Carolina Test of U.S. History. Technical

Characteristics. Forms A-J.

North Carolina State Dept. of Public Instruction, Raleigh. Div. of Accountability Services/Research.

Pub Date—90

Note—62p.

Pub Type—Reports - Research (143) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Academic Achievement, Educational Research, Public Schools, Secondary Education, *Standardized Tests, Statistical Data, *Testing Programs, Test Manuals, Test Validity, *United States History

Identifiers—*North Carolina

One in a series of technical manuals describing the curricular and psychometric characteristics of tests administered by the State of North Carolina, this manual contains a description of the U.S. history test given to high school students. It is designed to facilitate the proper technical use of the test scores obtained from the administration of the test. The manual contains the following sections: description; validity; method for deriving score; reliability and other statistics; curricular assessment; content of the test; and norms. Two appendices cover goals and objectives and new goals and objectives. Tables and figures appear throughout the manual presenting statistical data. (DB)

ED 328 499 SO 030 352

Teachers' Views on World Issues: A Digest of the Policies of WCOTF.

World Confederation of Organizations of the Teaching Profession, Morges (Switzerland).

Pub Date—88

Note—72p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Early Childhood Education, Educational Policy, Educational Principles, Elementary Secondary Education, Equal Education, Foreign Countries, Higher Education, Social Problems, *Teacher Associations, *Teacher Attitudes, Teaching (Occupation), Womens Studies, World Affairs, World Problems

Identifiers—*World Confederation of Orgs of the Teaching Prof

This document summarizes the policies of the World Confederation of Organizations of the Teaching Profession (WCOTF) in relation to a wide range of topics affecting education and the status of teachers. Topical areas are covered in four sections: education, teachers, women, and contemporary world issues. Section 1, "Education," looks at basic (compulsory) education, education and the world of work, equality of educational opportunities, early childhood education, education of indigenous peoples, technical and vocational education, educational financing, education of the disabled, school libraries, and education and development. Section 2, "Teachers," discusses teacher education; status of teachers; teachers and educational policy; teacher involvement in the development of textbooks and social programs; teachers and new social, scientific, and technological challenges; teachers' rights; trade union rights; teachers' working conditions; and international unity of the teaching profession. Section 3, "Women," emphasizes women in education; women and girls in scientific, technical, and vocational education; women in the teaching profession; women in teachers' organizations; and women in the wider society. Section 4, "Contemporary World Issues," comments on apartheid, world peace, human rights, north-south economic relations, and education for a global community. (DB)

ED 328 500 SO 030 354

International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).

Japan Teachers Union, Tokyo.; World Confederation of Organizations of the Teaching Profession, Morges (Switzerland).

Pub Date—Oct 82

Note—98p.; Photographs will not reproduce clearly.

Pub Type—Collected Works - Proceedings (021) EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Disarmament, Foreign Countries, Higher Education, *International Education, International Organizations, *International Programs, International Relations, *Nuclear Warfare, *Peace, Secondary Education, Teacher Associations, *Teacher Responsibility, Teacher Role, War, World History, World Problems Identifiers—*Japan (Hiroshima)

Proceedings from an international symposium devoted to the cause of disarmament education are

presented. Representatives from international and national teacher organizations together with scholars and researchers from 35 countries and all continents attended. The symposium focused on the idea that teachers have a special responsibility to work for peace and disarmament, teach about peace and disarmament, and build a world based on peace and justice. The following speeches were made at the opening ceremony of the symposium: "Never Again Send Our Children to the Battlefield," (Motofumi Makieda); "How Can Teachers Remain Silent?" (James Killean); "The Value beyond Measure of Peace" (Toranosuke Takeshita); "For We Shall Not Repeat the Evil" (Takeshi Araki); "Messages from Hiroshima to Teachers All Over the World" (Akira Ishida); and "Hiroshima, Symbol of Nuclear Cataclysm" (Message from Unesco). The keynote addresses included: "Education and Disarmament Activism—The Most Formidable Challenge of Our Time" (Victor Hsu); "Ideas Which Form a Basis for Disarmament Education" (Mikhail Kabachenko); and "The United Nations and Disarmament Education after the Second Special Session" (Jan Martenson). Black and white photographs appear in the document and a list of symposium participants is appended. (DB)

ED 328 501 SO 030 360

Wagner, MaryJo
Women in the Farmers' Alliance.
Pub Date—90

Note—13p; Presented at the Annual Meeting of the Organization of American Historians (Washington, DC, March 22-25, 1990).

Pub Type—Speeches/Meeting Papers (150)—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Activism, Agriculture, Citizen Participation, Females, Higher Education, Political Parties, *United States History, *Women's Studies Identifiers—*National Farmers Alliance and Industrial Union, *Populist Party

The involvement of women in U.S. politics of the 1890s, specifically in the Populist Party and the National Farmers' Alliance, is discussed in this paper. Women comprised a large percentage of membership in many of the sub-alliances of the National Farmers' Alliance and a number were national leaders, including Mary Elizabeth Lease, Annie LePorte Diggs, Sarah Emery, Marion Todd, and Eva McDonald Valesh. Women played an integral part of the success of the populist movement during the 1890s. The lives of some of the more prominent women activists are highlighted, and a collective biography is constructed from organizational records. (DB)

ED 328 502 SO 030 363

Schnell, Jim
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters.
Pub Date—[90]
Note—17p.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Elections, Foreign Countries, Government (Administrative Body), Mass Media Effects, Persuasive Discourse, Political Attitudes, *Political Campaigns, Political Candidates, *Political Influences, Public Opinion, Social Values, Voting

Identifiers—*Chile, *Political Cartoons

In an electoral process in 1988 and 1989, voters replaced General Augusto Pinochet as leader of Chile. The use of political cartoons by both pro and anti-Pinochet forces is explored in this paper. Cartoons have long been recognized as a form of mass communication. In the Chilean elections cartoons played an important role in the battle for the support of voters. Several cartoons are reproduced, and the ways in which their messages both inform and persuade are analyzed. (DB)

ED 328 503 SO 030 365

Chilcott, John H.
The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm.
Pub Date—90

Note—11p; Paper presented at the Annual Meeting of the Social Science Education Consortium (Evanston, IL, June 21-23, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Anthropology, Capitalism, Developed Nations, Developing Nations, Economic Development, Educational Change, Educational

History, *Educational Theories, *Global Approach, Higher Education, Models, Social Sciences, Social Studies, *Tribes, World Affairs

For most of its history the science of anthropology has focused upon the influence of the city, state, and/or western civilization on tribal and peasant communities. Within the past decade a number of theories, suggesting that tribal and peasant communities have had a profound influence on cities and the modern world, have been formulated. Using archaeological and ethnographic data, this paper illustrates the application of the notion of world paradigm, the rural revolution, and modernization with particular attention paid to the world's political, economic, and communication arenas. A list of topics for student discussion is included. (DB)

ED 328 504 SO 030 369

Paulston, Roland G. Tidwell, Monte
Education in Latin America—Comparative.
Pub Date—Jul 90

Note—13p.

Pub Type—Information Analyses (070)—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Comparative Education, Educational Research, Educational Theories, Elementary Secondary Education, Foreign Countries, Literature Reviews, Postsecondary Education Identifiers—*Latin America

The different ways in which researchers have conceptualized Latin American education are identified. Written for an encyclopedia of educational research, this entry does not seek to describe and compare education "as it is" in some 28 Latin American republics. Rather it characterizes and compares how Latin American education has appeared to Latin American and other researchers over time. Four qualitatively different ways have been used to characterize Latin American education: (1) functionalist; (2) radical functionalist; (3) interpretive; and (4) radical interpretive. These approaches and the accompanying research are discussed in detail. A 59-item bibliography is included. (DB)

ED 328 505 SO 030 386

Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989). United Nations Educational, Scientific and Cultural Organization, Bangkok (Thailand). Principal Regional Office for Asia and the Pacific.
Pub Date—89

Note—34p.

Available from—United Nations Educational, Scientific, and Cultural Organization, Regional Office for Asia and the Pacific, P.O. Box 967, Prakanong Post Office, Bangkok 10110, Thailand.
Pub Type—Collected Works - Proceedings (021)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Developing Nations, Foreign Countries, *Futures (of Society), *International Educational Exchange, International Programs, Long Range Planning, Public Policy, *Socialism, World Affairs

Identifiers—*Asia Pacific Region

Representatives of the socialist countries of the Asia-Pacific region, namely, the Democratic People's Republic of Korea, the Lao People's Democratic Republic, the Mongolian People's Republic, and the Socialist Republic of Viet Nam, met to discuss research studies about perspectives on the future in these countries. (Representatives of the People's Republic of China and of the USSR were also present.) The seminar's goals were: (1) to review the interim drafts of the country studies presented, so that the authors of the studies could revise them in the light of discussion; (2) to deliberate on how socialist countries perceive the future; (3) to identify in terms of past development experience and foreseeable trends an agenda for work in UNESCO's fields of competence—education, culture, science and technology, and communication; and (4) to explore possibilities for promoting networking of individuals and institutions engaged in future-oriented studies. The seminar proceedings include an appendix listing those who participated. (DB)

ED 328 506 SO 030 464

Carey, George
Publius and the Contemporary Court.
Spons Agency—Boston Univ., MA. National Cen-

ter for America's Founding Documents.

Pub Date—Sep 90

Note—14p; Paper presented at the Symposium: The Federalist Papers. (Cambridge, MA, September 17, 1990). For a related document, see SO 030 465.

Pub Type—Speeches/Meeting Papers (150)—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Citizenship Education, *Constitutional History, *Court Role, Courts, *Governmental Structure, Government Role, Secondary Education, Social Studies, United States History Identifiers—*Federalist Papers, *Supreme Court, United States Constitution

The proper role and function of the Supreme Court in the United States' system of government has been a matter of great controversy in recent years. "The Federalist Papers," specifically the documents written by "Publius," have much insight to contribute to this debate. In "Federalist #78," Publius makes the case for the power of judicial review, the power to nullify acts of the legislature that are contrary to the provisions of the U.S. Constitution. This is a significant power to rest in the hands of the Supreme Court, yet Publius sees the proper role of judges as quite circumscribed—limited to the enforcement of the constituent will of the people as that will finds expression in the Constitution. Publius's constitutional morality thus distinguished between "judgment" and "will," with will and its decision making according to subjective preferences being the peculiar province of the legislature—a place forbidden to courts. By examining the views of Publius, citizens see that the judicial activism of recent decades rests upon a fundamentally different view of the responsibilities and powers of the nation's institutions, particularly the judiciary. One concern that stands out above all others is whether judicial activism of any variety is compatible with the republicanism bequeathed to the nation by the Founding Fathers. (DB)

ED 328 507 SO 030 465

Delattre, Edwin J.
James Madison's Practical Ideals for the 1990s.
Spons Agency—Boston Univ., MA. National Center for America's Founding Documents.
Pub Date—Sep 90

Note—21p; Paper presented at the Symposium: The Federalist Papers (Cambridge, MA, September 17, 1990). For a related document, see SO 030 464.

Pub Type—Speeches/Meeting Papers (150)—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Constitutional History, *Current Events, *Ethics, Political Attitudes, Political Issues, Public Affairs Education, *Public Officials, Secondary Education, Social Influences, Social Studies, United States History Identifiers—*Madison (James)

This paper examines recent behavior of public officials at various levels of government in the United States, finds a systemic failure to meet ethical standards, and concludes that the wisdom of James Madison has much applicability to current times. Given his keen perception of human nature, Madison would not be too surprised at today's poor ethical performance. In "Federalist #51" Madison wrote: "In framing a government which is to be administered by men over men, the great difficulty lies in this: you must first enable the government to control the governed; and in the next place oblige it to control itself." (DB)

ED 328 508 SO 030 482

Eberstadt, Nicholas
U.S. Foreign Aid Policy—A Critique. Headline Series No. 293.
Foreign Policy Association, New York, N.Y.
Report No.—ISBN-0-87124-134-X
Pub Date—90

Note—68p.

Available from—Foreign Policy Association, 729 Seventh Avenue, New York, NY 10010 (\$4.00).

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Developing Nations, *Developmental Programs, *Economic Development, Foreign Countries, *Foreign Policy, Higher Education, International Programs, Secondary Education, World Affairs

Identifiers—*Foreign Aid
U.S. foreign aid efforts aimed at less-developed

countries in the post-World War II world, such as humanitarian aid and development assistance, have not been very successful in improving international investment opportunities or contributing to self-sustaining economic growth in the poorer countries. Recent developments in Eastern Europe have led to persistent requests for aid from the United States to help with democratic reforms. Such requests are leading to increased competition for aid between Eastern Europe and long-time U.S. aid recipients, and thus are putting more pressure on existing programs. A real commitment to improving the effectiveness of U.S. developmental assistance requires fundamental changes in both laws and organizational structures. Several specific recommendations for changes in foreign aid programs are made based on the purposes and problems they face. Three separate and distinct purposes of the programs are identified: humanitarian aid, development aid, and security aid. The document includes a glossary, illustrations, questions for students and discussion groups, and an annotated reading list. (DB)

ED 328 509 SO 030 488

Jacobson, Jodi L.
The Global Politics of Abortion. *Worldwatch* Paper 97.
Worldwatch Inst., Washington, D.C.
Report No.—ISBN-0-916468-98-4
Pub Date—Jul 90
Note—75p.
Available from—Worldwatch Institute, 1776 Massachusetts Avenue, NW, Washington, DC 20036 (\$4.00).

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—"Abortions, Current Events, Family Planning, Foreign Countries, Global Approach, International Studies, Moral Issues, Political Issues, Public Health, Social Problems, Womens Studies, World Affairs, World Problems"
Locating the issue of abortion in a global public policy context, with the array of public health, human rights, and social questions that are implicated, is the aim of this paper. Abortion laws around the world have been liberalized since the 1950s, with a resultant decrease in abortion-related mortality among women. The proportion of the world's population, governed by laws that permit abortion on medical or broader social and economic grounds, is 75 percent (nearly 4 billion people). In addition to women living in those countries that have resisted liberalization of their abortion laws, many women have restricted access to abortion, even those in countries in which abortion is technically legal. There are a number of reasons for this, including a lack of government or public commitment to provide or fund services, lack of trained specialists, administrative roadblocks, a woman's ability to pay, and a lack of truthful information about legal rights and services. Abortion rates from countries around the world are examined and discussed in terms of the varying demographic and social realities. The large number of maternal deaths due to abortion that still occur is not due to a deficiency in technology, but a deficiency in the value placed on women's lives. The numerous roadblocks to safe abortion services drive women to seek illegal or clandestine abortions that greatly endanger their lives. The debate surrounding abortion has been too often portrayed as a conflict between black and white hues. The debate needs to take place in a larger context, complete with public health, family planning, and human rights concerns. Equality of political rights for women, and likely the lives of many, hinges on political decisions regarding abortion. (DB)

ED 328 510 SO 030 489

Notable 1989 Children's Trade Books in the Field of Social Studies.
Children's Book Council, New York, N.Y.; National Council for the Social Studies, Washington, D.C.

Pub Date—89
Note—10p.
Available from—Children's Book Council, 568 Broadway, New York, NY 10012 (5-20 copies, \$1.25 each, over 20 copies, \$1.00 each).
Journal Cit—Social Education; v54 n4 Apr-May 1990

Pub Type—Reference Materials - Bibliographies (131) - Journal Articles (080)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Ancient History, Annotated Bibliographies, Biographies, Business, *Childrens Literature, Elementary Education, Environment, Folk

Culture, Foreign Countries, Foreign Culture, Legends, Mythology, North American Culture, North American History, Primary Education, Rural Areas, *Social Studies, World History

The volumes selected for this annual annotated bibliography of children's books in the social studies: (1) are written primarily for children in grades K-8; (2) emphasize human relations; (3) present an original theme or fresh slant on a traditional topic; (4) are highly readable; and (5) have a pleasing format and, when appropriate, illustrations. Three reading levels—primary, intermediate, and advanced—are used. Books appear in the following categories: North American history, culture, and life; world history and cultures; biography; the examination of origins; rural and business life; environment; and folktales, myths, legends, fables, and stories. (DB)

ED 328 511 SO 030 490

May, Wanda T. And Others
"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.

Center for the Learning and Teaching of Elementary Subjects, East Lansing, MI; Michigan State Univ., East Lansing. Inst. for Research on Teaching.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Oct 90
Contract—G0098C0226

Note—65p.; Paper presented at the Annual Meeting of the American Educational Research Association (Boston, MA, April, 1990). For a related document, see SO 030 491.

Pub Type—Reports - Research (143) - Speeches/Meeting Papers (150)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—"Art Education, Content Analysis, Curriculum Development, Elementary Education, Multicultural Education, Multicultural Textbooks, *Music Education, Textbook Bias, *Textbook Content, *Textbook Evaluation, Textbook Research"

Identifiers—"Discipline Based Art Education"

An analysis and critique of two elementary textbook series: "Discover Art" by Davis Publications and "World of Music" published by Silver Burdett & Ginn are presented. "Whose content, context, and culture?" is an ideological question that assumes that equitable social relations and diverse ways of knowing ought to be valued and fostered in classrooms and curriculum materials in a democratic society. While this question deserves to be asked of any subject area's curriculum material, it is a crucial one for the arts. First, there is little evidence of analysis/critique of existing materials within the disciplines of art and music. Second, contemporary discourse in discipline-based art education (DBAE) recommends equitable treatment of production/performance, aesthetics, history, and criticism and more explicit attention to sequencing content in arts curricula. (Both of the above series claim to do this.) Finally, little research in art and music education has been conducted in the natural setting of classrooms to study how curricular content and materials are used or socially mediated. Two theoretical frameworks guide the analysis: (1) From a critical sociological perspective, texts are viewed as guiding or constraining the construction of meaning, and often this construction reflects the interests of a dominant social group (class, gender, race, or culture)—particularly when the texts are used uncritically as expository, authoritative texts. What is possible in textbooks and schools partially depends on connections between schooling and its structures to economic, cultural, and political power in a larger sociopolitical context. This is one reason, for example, why textbooks look more alike than different across subject areas; (2) From the perspective of mediation, the text is viewed as another "participant" in instruction (rather than authoritative object) because teachers and students impose their own meanings on texts, and these meanings are derived from their past experiences and social relations in the classroom. Thus, neither teachers nor students are viewed as passive recipients of others' texts. Neither the curriculum nor the subject matter is to be found only "in the text." Both perspectives, however, suggest that knowledge is socially constituted and produced. Both acknowledge how and why particular ways of knowing may be mutually produced/reproduced in light of other possibilities. (Author/DB)

ED 328 512 SO 030 491

May, Wanda T.
Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22.

Center for the Learning and Teaching of Elementary Subjects, East Lansing, MI; Michigan State Univ., East Lansing. Inst. for Research on Teaching.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Oct 90
Contract—G0098C0226

Note—56p.; For a related document, see SO 030 490.

Pub Type—Reports - Research (143)
EDRS Price - MF01/PC03 Plus Postage.

Descriptors—"Art Education, Art Teachers, *Curriculum Development, Curriculum Problems, Curriculum Research, Elementary Education, Instructional Materials, *Music Education, Music Teachers, Teaching (Occupation), Teaching Experience, Teaching Methods"

This paper describes the nature and substance of elementary art/music teachers' curriculum deliberations from several points of view, presenting: (1) an art teacher who initially thought she was wrestling with a discipline problem instead of a curricular problem; (2) a post-observation conversation (instigated by a dissatisfied principal) between a veteran art teacher and a less experienced art teacher; (3) three music teachers engaged in weekly after-school planning sessions of their own design; and (4) 10 art teachers in the institutional context of weekly staff meetings conducted by an art supervisor. The theoretical framework used to describe curriculum deliberation draws from the work of Dewey, Reid, Schwab, and Walker. Schwab's curriculum "commonplaces" (teacher, student, subject matter, and milieu) are used as a framework for analyzing the primary interests expressed in teachers' deliberations and to illustrate the reflexive interplay of these concerns in how teachers frame curriculum problems, make decisions, and act upon these decisions in their practice. Implications for action research, collaborative inquiry, and professional development are raised throughout the paper. (Author/DB)

ED 328 513 SO 030 492

Last, Ellen
Classroom Drama and Theatre: A Guide to Curriculum Planning.

Wisconsin State Dept. of Public Instruction, Madison.

Report No.—Bull-No-0503

Pub Date—90
Note—186p.

Available from—Publication Sales, Wisconsin Department of Public Instruction, 125 South Webster Street, P.O. Box 7841, Madison, WI 53707-7841.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—"Curriculum Development, Drama, *Dramatics, Educational Resources, Elementary Secondary Education, Learning Activities, Preschool Education, Primary Education, *State Curriculum Guides, Teaching Methods, *Theater Arts"

Identifiers—Wisconsin

This state guide to curriculum planning is designed to provide direction to teachers, administrators, and curriculum specialists for developing programs in informal drama and theatre. For each school level (preschool, elementary, middle, and high school) the following topics or concepts are discussed in terms of the student at that level: informal drama, formal theatre, appreciation and criticism, and evaluation. Each section also includes an overview of students' physical, social, emotional, and cognitive development at the level being discussed. A list of references accompanies each section. Critical issues in drama and theatre education also are discussed including college preparation, barriers to enrollment in the arts, and students at risk. The appendices include: a glossary, a list of play publishers, films & videos for teaching theatre, and a list of theatre supply companies. (DB)

ED 328 514 SO 030 498

Biddle, Don S.
Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education.

Pub Date—90

Note—27p.; Paper presented at the Regional Conference of the International Geographical Union

(Beijing, China, August 13-19, 1990).

Available from—D. S. Biddle, Geographical Society of New South Wales, P.O. Box 602, Gladesville, New South Wales 2111, Australia.

Pub Type—Guides - Non-Classroom (055) — Speeches/Meeting Papers (150)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Curriculum Design, Curriculum Development, Foreign Countries, *Geography Instruction, *Inservice Teacher Education, Models, *Preservice Teacher Education, Secondary Education, Teacher Education, Teacher Role, Teaching Models

More emphasis should be placed on the use of simple curriculum models for structuring instructional planning programs and for developing program planning skills during preservice or inservice education courses in order to continue to upgrade the contribution of geography to the secondary school curriculum. A five-stage model for planning geography programs is presented in this paper. The first two stages are concerned with the collection of data about the education system and the school for which the program is being produced. The third stage is an analysis of the syllabus, and the fourth is concerned with the preparation of instructional units. The fifth stage concerns the evaluation of students' progress during the year and the effectiveness of the units in achieving the aims and objectives of the course. A number of figures appear throughout the paper and a 30-item list of references is included. (DB)

SP

ED 328 515

SP 032 706

Narang, Harbans L.

Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills.

Pub Date—Jun 90

Note—14p.

Pub Type—Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Beginning Teachers, Elementary Secondary Education, Field Experience Programs, Followup Studies, Foreign Countries, Higher Education, Internship Programs, *Outcomes of Education, Program Effectiveness, Questionnaires, Rating Scales, *Self Efficacy, *Teacher Attitudes, *Teacher Education Programs, *Teaching Skills

Identifiers—University of Regina SK

A study undertaken by the Faculty of Education at the University of Regina, Saskatchewan, sought to determine beginning teachers' perceptions of their own abilities in 15 teaching skills and strategies and the degree of importance of various components of the teacher education program in developing these skills. Forty-three questionnaires were returned from teachers who had graduated from the university in 1989. Data analysis showed that, as a group, the beginning teachers perceived themselves as having a high ability in 10 skills and average ability in the remaining 5 skills. They rated internship highest in terms of its contribution to the development of all skills except two. In these two skills they rated internship second. Preinternship field experiences were rated next to internship, followed by professional studies courses, subject area classes, educational psychology classes, and courses in educational foundations and educational administration. Faculty gave similar ratings to these components in the teacher education program. A listing of the university's education program requirements, a copy of the questionnaire, and tables displaying the data on the estimate of proficiency and sources of development rating scales comprise the major part of this document. (JD)

ED 328 516

SP 032 710

Nystrand, Martin Gamoran, Adam

A Study of Instruction as Discourse.

National Center on Effective Secondary Schools, Madison, WI; Wisconsin Center for Education Research, Madison.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Jun 88

Contract—G-008690007

Note—37p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Class Organization, *Classroom Communication, *Discourse Analysis, *Discussion (Teaching Technique), Interaction, *Learning Processes, Locus of Control, Middle Schools, *Questioning Techniques, Secondary Education, Teacher Response, Teaching Methods

It has been noted that students have an influential role in determining the nature of classroom events in the middle grades and that their teachers adjust their classroom behavior in response to the characteristics of students in the class. This paper analyzes instruction as discourse between teacher and students and the collaborative nature of their interaction. In considering reciprocity in instruction, the characteristics of high-quality instructional discourse are examined. These characteristics include: (1) authentic questions which seek a high input from the student; (2) the teacher's incorporation of a previous student answer into a subsequent question; (3) teacher response which validates the student's impact on the course of discussion; (4) questions eliciting nonroutine generalizations, analyses, or speculations; (5) encouragement of thoughtful student questions; and (6) high level of student participation. A discussion is presented on the effects of classroom organization on instructional discourse and the effects of instructional discourse on student achievement. A brief description is given of a pilot study conducted to examine the conditions of instructional discourse. A bibliography is included as well as data from the pilot study. (JD)

ED 328 517

SP 032 747

Teachers and National Development with Special Reference to Family Life Education.

International Planned Parenthood Federation, London (England); World Confederation of Organizations of the Teaching Profession, Morges (Switzerland).

Pub Date—78

Note—28p.; A report based on a seminar held in Lesotho, Africa, July 11-19, 1978.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Elementary Secondary Education, *Family Life Education, Family Relationship, Foreign Countries, Inservice Teacher Education, *Parenthood Education, *Program Development, Social Attitudes, *Teacher Role, Values Clarification

Identifiers—*Africa, Botswana, Lesotho, Malawi, South Africa, Swaziland

A seminar on family life education provided an opportunity for 51 participants, the majority of whom were women, from Botswana, Lesotho, Malawi, the Republic of South Africa, and Swaziland, to meet and discuss professional problems with colleagues involved in family life education (FLE). The objectives of the seminar were to: (1) develop a family life infrastructure in southern Africa; (2) bring teachers' organizations into contact with all associations dealing with family life education; and (3) raise the quality of life of the region's people. This report includes the recommendations and highlights of the discussions. The topics discussed were: the areas of concern and approaches for establishing a family life program; the role of the teacher; ways in which the teacher can promote a clearer understanding among education officials of the need for family life education; ways in which the teacher can work with the community to promote acceptance of family life education; and suggestions for teachers on ways to include family life education in the curriculum. Training needs are identified. (JD)

ED 328 518

SP 032 799

Cureton, Charles Cook, Martha

A State-Wide Selection Model for Teacher Education—A Criterion-Related Approach.

Pub Date—[90]

Note—14p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Criterion Referenced Tests, Elementary Secondary Education, Higher Education, *Measurement Techniques, Minimum Competencies, Models, Personality Traits, *Teacher Characteristics, *Teacher Effectiveness, *Teacher Selection

Identifiers—Ohio

A workshop was attended by 36 instructors from departments of education in colleges and universities throughout Ohio for the purpose of identifying criteria for teacher selection. The participants

sought to determine ways to achieve a fit between the selection committee's values, perceptions, and personality characteristics and the teacher candidate's values, perceptions, and personality characteristics. The focus was on three major screening areas: skill competence, personality characteristics, and interpersonal skills. Three instruments were used to describe the personality characteristics, and interpersonal skills of hypothetical successful teachers: the Scales of Worker Functions; the Successful Employment Profile (SEP), and the Osgood Semantic Differential. The similarity of colleges and universities in their responses to the SEP and the semantic differential permitted the creation of a statistical model to represent the perceptions of all of the sample colleges and universities in Ohio. A summary of the workshop findings describes areas of agreement among the participants on what constitutes a successful teacher and lists six functions that a teacher should be able to perform, at least minimally. It is concluded that a statistical screening model based upon the data collected in this study can be used and validated concurrently using teachers who are already experiencing varying levels of success in the teaching field. (JD)

ED 328 519

SP 032 804

Lieb, James Philip

"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development.

Pub Date—90

Note—22p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary Secondary Education, *High Risk Students, *Inservice Education, Program Development, *Role Models, *Self Esteem, *Staff Development, Teacher Attitudes, *Well Being, Workshops

Identifiers—*Wellness, Westmoreland County School District VA

A description is given of the training and inservice plan for Westmoreland County Public Schools (Virginia) which focused on the personal and professional needs of teachers and the issues of the at-risk student population with which they work. A staff self-esteem workshop was developed which focused on the need for persons to care for themselves before they can try to help others. The workshop demonstrated methods of providing self-care, recognizing personally effective strategies to enhance well-being, and developing awareness of self-defeating behavior patterns regarding self-care. A foundation was established for each participant to make a personal commitment to self as an objective for helping students. The workshop also addressed codependency and its application to self-development and the personal development of others, especially at-risk students. The blocks to wellness which arise from this issue were examined. The Westmoreland County Public Schools Special Education Inservice Plan, 1990-91, the preworkshop survey, and a workshop evaluation form are attached. (JD)

ED 328 520

SP 032 805

Ukah, Matthias J.

Value Orientation—A New Emphasis for Teacher Education in Higher Education for the 1990s.

Pub Date—90

Note—16p.; This is the best copy available.

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Behavior Modification, *Citizenship Education, Developing Nations, *Ethical Instruction, Foreign Countries, Higher Education, *Humanistic Education, *Social Cognition, Teacher Behavior, Teacher Characteristics, *Teacher Education, *Values Clarification

Identifiers—*Nigeria

Teacher education institutions in Nigeria play an important role in meeting the demands for positive value orientation. Value orientation is described as the inculcation of moral and ethical values that can establish a distinction between right and wrong, good and bad, truth and falsehood, and justice and injustice in social relations. It is assumed that value orientation is a factor in teacher effectiveness. Criticism is leveled at the present higher education system for failing to meet the challenges of social problems in the country. It is emphasized that teacher education must make students value conscious as a prerequisite for an orderly society. The paper examines current societal ills which have rendered education impotent in checking the spread of disorder in the social system. In discussing the pro-

142 Document Resumes

cess of value clarification as a teacher's major responsibility, it is pointed out that more attention must be given to value orientation in the curricular offerings of institutions of higher education. (JD)

ED 328 521 SP 032 830

Classroom Instructional Design: Options for Teacher/Student Interaction.
Minnesota State Dept. of Education, St. Paul.
Pub Date—Aug 89
Note—79p.

Available from—Minnesota Curriculum Services Center, 3554 White Bear Ave., White Bear Lake, MN 55110.

Pub Type—Guides - Classroom - Teacher (052)
EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Cognitive Style, Elementary Secondary Education, *Instructional Design, *Instructional Improvement, Interaction, Learning Processes, Learning Strategies, *Teacher Role, *Teacher Student Relationship, Teaching Methods, *Teaching Styles

This publication was developed to help teachers expand their choices for teacher-student instructional interaction. It identifies the key issues in the design of instruction and develops a common vocabulary surrounding instructional improvement. The role of the teacher as decision maker is emphasized. A description is given of the four interacting components of the instructional process: the learner, the teacher, teacher-designed instructional events, and educational expectations, and of the four critical elements of instructional design: assessment, planning, implementation, and evaluation. Three models of teaching are defined: (1) the directive-in which the teacher strives to assure a mastery of predetermined objectives to meet educational expectations; (2) the investigative-in which the teacher establishes broad-based objectives and provides choices for the learner to explore; and (3) the interactive-in which the teacher focuses on the needs, interests, and preferences of learners. These models describe the teacher's actions during the implementation phase of instruction and the student's responses to the instruction. (JD)

ED 328 522 SP 032 831

O'Connor, Daniel F. And Others
Teaching Assessment Workshop Project 30.
Pub Date—90
Note—10p.

Pub Type—Reports - Descriptive (141)
EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Career Choice, Elementary Secondary Education, Higher Education, Inservice Teacher Education, *Minority Group Teachers, *Program Evaluation, Teacher Attitudes, Teacher Education Programs, *Teacher Recruitment, *Teaching Conditions, Urban Schools, Workshops

Identifiers—University of Northern Colorado

A teaching assessment workshop was sponsored by the University of Northern Colorado Department of Sociology and College of Education. The participants were educators from inner city schools, teachers working with at-risk students, and future teachers willing to work with minority students. The goals of the workshop were to: (1) assess strengths and weaknesses in teacher preparation in the areas of curriculum and content, work experience, and general preparation; (2) identify the most serious problems with and impediments to effective teaching; and (3) identify rewards of teaching and the ideal supportive environment. This report summarizes the participants' recommendations and insights, and presents a series of summary statements for each session, with specific quotes from the minority educators. The first session of the workshop was designed to elicit the opinions of minority teachers concerning their preparation for teaching. The second session focused on strategies for attracting minority high school and college students to the teaching profession. The third session proposed suggestions and recommendations for keeping minority teachers in the teaching profession. In the final session, teachers reflected on their own teaching experience, discussing the barriers to effective teaching as well as the intrinsic rewards of teaching. (JD)

ED 328 523 SP 032 834

Otis-Wilborn, Amy And Others
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third Year.

Pub Date—[88]

Note—204p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC09 Plus Postage.

Descriptors—*Career Choice, Cohort Analysis, Demonstration Programs, Higher Education, High Schools, High School Students, *Internship Programs, Longitudinal Studies, *Peer Relationship, *Preservice Teacher Education, Program Effectiveness, Program Evaluation, Socialization, Student Characteristics, *Teacher Recruitment
Identifiers—*Bridenthal Internship in Teaching Program

This document reports on the third year of the Bridenthal Internship Teacher Project (BIT), initiated in 1984 to recruit, train, and retain high ability high school seniors into teaching. Fourteen female and three male seniors were selected for the project. These interns are awarded scholarship support that covers most of their college tuition for 4 years and provides a pay increment during the first 2 years of classroom teaching. During the first 2 years in the school of education, interns meet frequently as a group, attend special seminars and education-related functions, and participate in practicum experiences in nearby schools. They take liberal arts courses and courses specific to their education major. During the last 2 years, they pursue specific coursework toward a chosen teaching field. In year two of the BIT project, a "cohort" group of students was added, representing a sample of education majors who were enrolled in the "regular" teaching program. This cohort provided a basis for comparison between BIT and regular teacher education students and the professional curriculum of the regular and BIT programs. Interview data are presented on students in both groups covering their ideas about teaching, projections of self, perceptions of relationships, and reflections on the program. An interpretation of interview data is presented on each of these major themes. Interview protocols, questionnaires, and resulting data are appended. (JD)

ED 328 524 SP 032 835

More Effective Schools/Teaching Project. Seventh Annual Report.
Spencerport Central Schools, N.Y.
Pub Date—90

Note—386p. For earlier reports, see ED 273 028, ED 273 032, and ED 279 093.

Pub Type—Reports - Descriptive (141) — Reports - Evaluative (142)

EDRS Price - MF01/PC16 Plus Postage.

Descriptors—*Academic Achievement, *Change Strategies, Demonstration Programs, Educational Environment, Elementary Secondary Education, *Institutional Characteristics, Long Range Planning, Program Validation, *School Effectiveness, *School Restructuring, Socioeconomic Status, Teacher Expectations of Students

Identifiers—Effective Schools Project, *Spencerport Central School District NY

Since 1982-83, Spencerport Central School District (New York) has conducted a project to improve the educational program and student learning in each building of the district. This report provides a comprehensive overview of the project, focusing on five elementary schools. The project's goal for each building is that at least 95 percent of all students at each grade level shall demonstrate minimum academic mastery regardless of socioeconomic status. Basically, the project attempts to improve student achievement by causing the characteristics of an effective school to come into place in each building. These are: (1) safe and orderly environment; (2) clear school mission; (3) instructional leadership; (4) high expectations of students; (5) opportunity to learn and student time on task; (6) frequent monitoring of student progress; and (7) good home/school relations. The first section of the report, focusing on student achievement, offers a disaggregated analysis of each of the five participating schools. In the second section, correlates of an effective school are outlined with data on the activities pertinent to each correlate and needs assessment findings for each of the five schools. Appendices include an overview of the project and summary of responses from each school to a survey covering 1983-1990. An executive summary of the report and the application for program evaluation are included. (JD)

ED 328 525 SP 032 836

Rikli, Roberta E. Ed.
Softball for Boys and Girls. Skills Test Manual.
Association for Research, Administration, Profes-

sional Councils & Societies, Reston, Va.

Report No.—ISBN-0-88314-494-8

Pub Date—91

Note—57p. Sponsored by the Measurement and Evaluation Council.

Available from—AAHPERD Publication Sales Office, 1900 Association Drive, Reston, VA 22091.

Pub Type—Guides - Classroom - Teacher (052) — Tests/Questionnaires (160)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Athletics, Elementary Secondary Education, Guidelines, Higher Education, *Performance Tests, Physical Education, *Skill Development, *Softball, *Test Norms

The first section of this manual provides information on the history of softball and the development of testing for proficiency in the game. The tests in the manual cover batting, fielding ground balls, overhand throwing, and baserunning. Test norms are listed for males and females at each grade level. A review is included of proper techniques and recommended drills for basic softball skills. Recording forms and rating scales are appended. (JD)

ED 328 526 SP 032 838

Physical Education. Alabama Course of Study.
Alabama State Dept. of Education, Montgomery.
Pub Date—89

Note—87p.

Pub Type—Guides - Classroom - Teacher (052) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Athletics, *Course Content, Elementary Secondary Education, *Individual Development, Lifetime Sports, *Physical Education, Physical Fitness, *Program Design, Psychomotor Skills, State Curriculum Guides

Identifiers—Alabama

This bulletin prescribes the minimum course content for all physical education programs in the public schools of Alabama and is the basis from which physical education programs are developed by local education agencies. The document contains the following sections: (1) curriculum trends in physical education; (2) a conceptual framework for the K-12 physical education program; (3) the minimum required content for physical education programs for grades K-2, 3-6, 7-8, and the required course taken in grade 9 or 10; (4) elective courses in physical education; (5) the federal and state laws and the Alabama State Board of Education resolutions related to physical education; and (6) characteristics of an effective physical education program. In the section on minimum required content, the physical conditioning and sports skills for each grade level are outlined and expected student outcomes are detailed. Appendices include a glossary of terms; time requirements for subject areas; and notes on study habits, homework, and student responsibility. (JD)

ED 328 527 SP 032 839

Boe, Erling E.
Comprehensive Retention and Attrition Model (CRAM).

Pub Date—Nov 90

Note—24p. Paper presented at the Research Forum on Differing Approaches to Defining and Measuring Personnel Supply and Demand (Washington, DC, November 26-27, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Career Change, Career Choice, Elementary Secondary Education, Faculty Mobility, *Incentives, Models, *Reentry Workers, Research Tools, *Teacher Characteristics, Teacher Persistence, Teacher Retirement, *Teacher Supply and Demand, *Teacher Transfer, *Teaching (Occupation)

Identifiers—Schools and Staffing Survey (NCES)

A continuing concern in a number of teaching fields is the shortage of fully qualified teachers. The decisions of fully qualified teachers to continue in their teaching assignments (retention), to transfer to another assignment (transfer), or to leave the profession for some other activity (exit attrition) are the major determinants of the degree to which teacher shortages occur. This paper describes the "Comprehensive Retention and Attrition Model" (CRAM), a conceptual framework for organizing the numerous forms which teacher retention, transfer, attrition, and reentry can take. The model also incorporates teacher characteristics such as qualifications, age, and marital status, and an analytic approach to identifying teacher incentive variables

having an impact on career decisions. CRAM provides a framework for conceptualizing teacher movements within the profession and exiting from it, and for designing research on teacher retention, transfer, attrition, and reentry from a national perspective. A short paper by the same author is attached: "Incentive Effects on Teacher Behavior." The focus of this paper is on using the Schools and Staffing Survey (SASS) of the National Center for Education Statistics to study incentive effects on teacher career decisions. (JD)

ED 328 528 SP 032 840

Mager, Gerald M. And Others

A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988. Syracuse Univ., N.Y. School of Education. Pub Date—Jun 90

Note—71p; For related documents, see ED 300 421 and ED 312 234.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Beginning Teacher Induction, Beginning Teachers, Elementary Secondary Education, *Internship Programs, Interpersonal Relationship, Longitudinal Studies, *Mentors, *Program Attitudes, Program Evaluation, State Programs, Teacher Persistence

Identifiers—New York State Mentor Teacher Internship Program

This report, one of a series of evaluation reports on the New York State Mentor Teacher-Internship Program, follows the experiences of intern teachers from the first year of the Program, 1986-87, and the second year, 1987-88. Follow-up questionnaires administered to the program interns focused on: (1) their overview of the experience of being an intern; (2) continuance of the relationship with their mentor; (3) current benefits and problems; (4) the influence of participation in the program on the decision or opportunity to teach and commitment to a career in teaching; and (5) retrospectives on the influence of the internship. The key objective of the report was to examine the impact of the program on the new teacher beyond the first year of practice. The great majority of the teachers reported a positive impact from their participation in a mentor-intern project. The impact also appeared to continue into the second year of teaching and, in many cases, into the third year. Often the heart of the interns' experiences was the relationship with their mentors. Relatively few respondents reported negative feelings about their participation in the project. Participation in the program also appeared to strengthen the teachers' commitment to teaching. (JD)

ED 328 529 SP 032 841

Miller, John P. And Others

Holistic Learning: A Teacher's Guide to Integrated Studies.

Ontario Inst. for Studies in Education, Toronto. Report No.—ISBN-0-7744-0358-6

Pub Date—90

Note—126p; A project sponsored by the Superintendent's Curriculum Cooperative.

Available from—Ontario Institute for Studies in Education, 252 Bloor St. West, Toronto, Canada M5S 1V6 (\$22.50).

Pub Type—Books (010) — Guides - Classroom - Teacher (052)

Document Not Available from EDRS.

Descriptors—Creative Thinking, Elementary Secondary Education, Foreign Countries, *Holistic Approach, Humanistic Education, *Integrated Curriculum, Life Events, *Mythology, Personal Narratives, *Problem Solving, *Program Implementation, Teaching Methods, *Thematic Approach

Identifiers—Ontario

The aim and focus of holistic learning is making connections, e.g., connections between subjects or between thinking and intuition. Integrated studies implies a holistic approach to learning and a curriculum that has the capacity to combine three positions on the function of schooling: transmission of facts, skills, and values; transaction or dialogue between student and subject matter resulting in reconstruction of knowledge; and personal and social transformation. This guide outlines strategies and ideas emphasizing transformational approaches to integration and focusing on human processes and human themes. Specifically, problem solving (human process) and mythology (human theme) have been selected as vehicles for curriculum integration.

Along with a number of specific strategies for classroom use, the book includes a rationale and framework for integrated studies, teaching approaches in problem solving and mythology, guidelines for writing units in integrated studies, and implementation strategies for integrated studies. (JD)

ED 328 530 SP 032 846

Stolworthy, Reed L.

Preservice Teacher Evaluation.

Pub Date—17 Dec 90

Note—70p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Comparative Analysis, *Cooperating Teachers, Elementary Secondary Education, Followup Studies, Higher Education, *Interrater Reliability, Preservice Teacher Education, Self Evaluation (Individuals), *Student Teacher Evaluation, *Student Teachers, *Student Teacher Supervisors

This follow-up study of student teachers contains data relative to the undergraduates' self-evaluation in the teaching-learning experience, and the assessments administered through the application of the same rating scale by the respective cooperating teachers and university supervisors. Descriptive and inferential statistics were applied to the data in order to determine significant differences in the assessments made by the student teachers' self-evaluation and those made by the cooperating teachers and supervisors. In most instances, no significant differences were found for the three groups of evaluators. Some differences among the evaluators were found on student teacher's participation in school activities, punctuality, and ability to develop evaluation devices. Appendixes include 51 tables and the evaluative instruments. (JD)

ED 328 531 SP 032 850

Roberts, Brian

Teacher Education as Identity Construction. Music: A Case Study.

Pub Date—90

Note—25p; An earlier version of this paper was presented at the Conference of Atlantic Educators (Halifax, Nova Scotia, Canada, 1990).

Pub Type—Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Foreign Countries, Higher Education, *Identification (Psychology), *Music Education, *Music Teachers, Preservice Teacher Education, Role Conflict, *Role Perception, Self Esteem

Identifiers—Dalhousie University (Nova Scotia), Memorial University of Newfoundland (Canada), University of Alberta (Canada), University of British Columbia (Canada), University of Western Ontario (Canada)

Music education students appear to acquire an identity as a "musician" which they seem to construct as having the core meaning "performer." This paper addresses the question of the individual student's search for a clear identity in the dichotomy between the concept of "teacher" and that of "musician." The paper is based on a qualitative research initiative with data coming from participant observation and interviews with music education students in five Canadian universities over a period of 18 months. There is widespread disagreement about the nature of the "musician" who eventually ends up as a teacher in front of children in the schools. Interviews with music education students reveal a difficulty in clarifying their roles as "performer," "musician," and "teacher." These students typically view themselves as either a "performer" on some specific instrument or as a general "musician." It appears that this latter category is the perception of self for students who see themselves less able to compete for the "performer" status. Despite the fact that all of these students are training to become teachers, they see themselves not as teacher candidates but as musicians. (JD)

ED 328 532 SP 032 856

Strang, Harold R.

A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant.

Virginia Univ., Charlottesville. School of Education.

Spons Agency—James Madison Univ., Harrisonburg, Va.

Pub Date—Jul 90

Note—15p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Computer Assisted Instruction, *Computer Simulation, Elementary Secondary Education, Higher Education, *Microteaching, Preservice Teacher Education, *Program Effectiveness, Program Evaluation, Teacher Educators, *Teaching Methods, *Teaching Skills

This report focuses on the field testing of a recently developed self-administered microcomputer-based teaching simulation. Training-partner teacher educators from four Virginia institutions used the self-administered teaching simulation at their home sites. The educators used the simulation in a variety of ways: (1) to help education students practice classroom management skills; (2) to establish a network allowing up to 20 participants at one time to engage in the simulated teaching activity; (3) as a course requirement or project option for several teacher preparation classes; and (4) as an in-class demonstration and/or remedial tool. The evaluations by these teacher-training partners on the effectiveness of the computer simulation are presented. The simulation strengths and weaknesses are listed as well as suggestions for improvement. (JD)

ED 328 533 SP 032 871

Tomorrow's Schools: Principles for the Design of Professional Development Schools.

Holmes Group, Inc., East Lansing, MI.

Pub Date—90

Note—121p.

Available from—The Holmes Group, 501 Erickson Hall, East Lansing, MI 48824-1034 (\$10.00 prepaid).

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—College School Cooperation, Educational Change, *Educational Principles, Elementary Secondary Education, Equal Education, Faculty Development, Higher Education, Inservice Teacher Education, *Preservice Teacher Education, School Restructuring, *School Role Identifiers, *Holmes Group, *Professional Development Schools

The professional development school is an effort to invent an institutional coalition that will bring together universities, schools of education, and public schools. This report urges the creation of a relatively small number of schools as professional development schools (PDS), designed to be the focus of professional preparation, school research, and the improvement of teaching. Six principles are offered on how PDS should organize themselves: (1) teaching and learning for understanding; (2) creating a learning community; (3) teaching and learning for understanding for all children; (4) continuing learning by teachers, teacher educators, and administrators; (5) thoughtful long-term inquiry into teaching and learning; and (6) inventing a new institution. The rationale for creating a network of PDS and the relationship of these schools to educational reform are discussed. The report concludes by suggesting what Holmes Group universities should do to make a start in establishing PDS. (IAH)

ED 328 534 SP 032 874

Small, Sue E.

Decision-making and Professional Development. A Focus on the Individual.

Pub Date—Nov 90

Note—22p; Paper presented at the Annual Conference of the National Council of States on Inservice Education (15th, Orlando, FL, November 16-20, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Collegiality, *Decision Making, Elementary Secondary Education, Higher Education, *Individual Development, *Institutional Mission, Job Enrichment, *Organizational Development, *Professional Development, Program Development, Staff Development, Teamwork

A process of decision making and professional growth is described as a tool for refocusing on individual growth for professional development and redefining the relationship between professional development and organizational outcomes. Refocusing on individual professional growth is an intervention aimed at reconceptualizing the linking relationship between staff development and organizational outcomes. Six key concepts of the proposed intervention are discussed: (1) both individuals and organizations need a clear sense of purpose or mission; (2) individuals need to focus energy toward change and development to be more balanced and

productive; (3) the relationship between individual development and organizational outcomes is informal and evolving; (4) the organization's goal is to facilitate and support individual decision making and development; (5) self-managing individuals and teams will produce an enthusiastic and growing staff; and (6) organizations will experience a transformation, producing outcomes of increased productivity, cooperation, and teamwork. Five components are suggested in an intervention model for the process of decision making and professional development. An outline of possible activities for individual development is accompanied by an outline of possible actions and resources that an organization can use to support individual development. (JD)

ED 328 535 SP 032 875

John, Martha Tyler
Providing Skills and Competencies for Beginning Teachers.

Pub Date—90

Note—25p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Alternative Teacher Certification, *Beginning Teachers, Elementary Education, Field Experience Programs, Higher Education, Nontraditional Education, Preservice Teacher Education, *Program Design, *Teacher Education Programs, *Teaching Methods

Identifiers—Marymount University VA

A teacher education program was developed to implement the competencies for nontraditional, career adults who have an undergraduate degree in a content area. The program features three main areas of instruction: (1) curriculum and foundations; (2) specialization area; and (3) application of theory. Each of these areas is presented through instructional modules, which are not separate courses, but include the essential elements of several courses. For example, the specialization area, Module 2: Communications, includes reading methods, diagnosis of reading problems, language arts, children's literature, speech, and social studies. Field experiences are required for modules, and research is emphasized throughout. The schema for the program is described in full and assessment for the competencies is also provided. (Author/JD)

ED 328 536 SP 032 876

Wong, Lily Y. S.
A Source of Distractions in the Classroom: The Teacher.

Pub Date—[90]

Note—6p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Check Lists, *Clothing, Cultural Influences, Elementary Secondary Education, Higher Education, *Hygiene, *Personality Traits, Preservice Teacher Education, *Speech, *Teacher Behavior, *Teacher Characteristics, Teacher Effectiveness

This paper identifies distracting factors which take away pupils' attention from the lesson and focus it on the teacher. Distracting factors include teachers' irritating habits, improper attire, and mannerisms. Examples of distracting features of both males and females are listed in eight categories: (1) attire; (2) hair; (3) make-up; (4) personal appearance; (5) jewelry or accessories; (6) glasses; (7) habits and mannerisms; and (8) verbal habits. (JD)

ED 328 537 SP 032 884

Bishop, Kelly Stauffer, Michael J.
Clearing the Air: A Collaborative Approach to Smoke-Free Schools.

Pub Date—17 Oct 90

Note—12p.; Paper presented at the Convention of the American School Health Association (October 17, 1990).

Pub Type—Speeches/Meeting Papers (150) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Environment, Elementary Secondary Education, *Health Promotion, *Participative Decision Making, *Policy Formation, Program Development, Program Implementation, *Public Schools, School Districts, *Self Help Programs, *Smoking, Student Behavior, Substance Abuse

Identifiers—Smoke Free Schools

Suggestions are made for establishing a policy for prohibiting smoking on school property. First, a working committee for policy formation should be

established. This committee should consist of representatives from all populations affected: students, teachers, parents, staff, bus drivers, cooks, administrators, and union and community representatives. The committee would be responsible for reviewing current policy, surveying target populations to assess their current needs, reviewing survey results, determining type of policy, and setting a timeline. Should a school district wish to set up a smoking-cessation program, it is suggested that the health promotion coordinator determine the appropriate program elements for his/her colleagues and school district. Generally, an effective program will address the following issues: knowledge or information, motivation, coping skills, stress management, weight control, exercise, relapse prevention, social support, and nicotine addiction. Some program characteristics to be considered are: behavior modification, hypnosis, nicotine replacement, cold turkey versus gradual reduction, and length. Other things to be considered are choice of trainer and evaluation data. (JD)

ED 328 538 SP 032 885

White Paper on School-Lunch Nutrition.
Center for Science in the Public Interest, Washington, D.C.

Pub Date—Dec 90

Note—26p.; Prepared by the Citizen's Commission on School Nutrition.

Available from—Center for Science in the Public Interest, 1875 Connecticut Avenue, NW, Suite 300, Washington, DC 20009 (\$5.00).

Pub Type—Reports - Descriptive (141) — Guides - Non-Classroom (055)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Dietetics, *Eating Habits, Elementary Secondary Education, *Food Standards, Government Role, *Health Promotion, *Lunch Programs, *Nutrition Instruction

Identifiers—School Lunch Program

Recommendations are made on how school lunch programs can provide better nutrition and promote healthier eating habits. Recommendations consist of goals with both short-term and mid-term objectives. The short-term objectives should be implemented over the next 2 to 4 years; the mid-term objectives should be implemented by the year 2000 or sooner where feasible. Recommendations are made on: (1) dietary fat; (2) fiber from fruits, vegetables, and whole grains; (3) sodium; and (4) non-nutritious competitive foods. Additional recommendations are made on cholesterol, sugar, and food additives. Recommendations are also made for the federal government on school lunch funding, nutrition education and training, reducing the fat content of milk, and school lunch nutritional requirements. Tables provide information on how the type of milk affects the fat content of lunches, and dietary guidelines for lunchtime fat grams and calories. (JD)

ED 328 539 SP 032 887

Twillie, Lex Doll. Poetry, John R.
Teacher Burnout in Diverse Elementary School Environments.

Pub Date—Nov 90

Note—27p.; Paper presented at the Annual Meeting of the Mid-South Educational Research Association (New Orleans, LA, November 14-16, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Elementary Education, *Elementary School Teachers, *Organizational Climate, Parent School Relationship, *Stress Variables, Student Behavior, Teacher Attitudes, *Teacher Burnout, *Teacher Characteristics, Teacher Effectiveness

This study examined the question: Do teachers who work in a more supportive educational environment exhibit less burnout as measured by the teacher burnout questionnaire than do teachers who work in a less supportive educational environment? Subjects were 22 teachers (100%) from an elementary school serving an urban university faculty client group (more supportive) and 19 teachers (80%) serving an inner-city populace (less supportive). A review of selected literature presents findings from studies on teacher burnout and its causes, as well as abstracts of four recent dissertations on school characteristics and teacher burnout. Data analysis from this study indicated that teacher burnout exists regardless of environment, whether supportive or non-supportive. Recommendations are made on the

desirability of inservice workshops designed to develop teacher self-worth and on the value of released time for teachers. The questionnaire is included. (21 references) (JD)

ED 328 540 SP 032 888

Bay, Theresa M. Highower, Anne
Teacher Education and Mentoring Program: Program Design and Research Results.
DeKalb County School System, Decatur, GA; Georgia Univ., Athens, Coll. of Education.
Spons Agency—Georgia State Dept. of Education, Atlanta.

Pub Date—Jul 90

Note—303p.

Pub Type—Reports - Descriptive (141) — Reports - Evaluative (142) — Tests/Questionnaires (160)

EDRS Price - MF01/PC13 Plus Postage.

Descriptors—*Alternative Teacher Certification, Elementary Secondary Education, Higher Education, *Internship Programs, Language Teachers, Mathematics Teachers, *Mentors, Program Design, Program Development, Research Utilization, Science Teachers, *Teacher Interns, *Teacher Recruitment

Identifiers—DeKalb School District GA

*Teacher Education and Mentoring Program GA

The Teacher Education and Mentoring Program (TEAM) allows intern teachers who have not completed the required teacher education courses prior to employment as regular classroom teachers to have the support of master teachers, or mentors, while teaching with provisional certification. The internship is a closely supervised practicum with each intern assigned an advisor (mentor) and a support team. The training program enables professionals in the fields of mathematics, science, and foreign language to enter the classroom under the supervision of a well-trained mentor. This report is organized into four parts, along with five appendices containing information and forms applicable to the program. Part 1 provides a brief overview of the program and information on its purpose and objectives. Part 2 focuses on the program design and implementation and includes information about the initial proposal, format of the advisory committee, and the process used for identifying and training mentors. Part 3, Research Design and Analysis, contains findings from the intern and mentor survey instruments and interviews. Part 4 presents conclusions and offers a set of recommendations for the future. A summary report is included which presents brief segments of information from the final report. (JD)

ED 328 541 SP 032 889

Griffith, Linda K.
An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers.

Pub Date—[89]

Note—8p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary Education, *Heuristics, Higher Education, *Logical Thinking, Majors (Students), *Mathematics Instruction, Preservice Teacher Education, *Problem Solving

The research question addressed in this study was: "How do the problem-solving heuristic processes used by preservice elementary teachers who are more effective problem solvers differ from those used by less effective problem solvers?" Three more- and three less-effective problem solvers performed a card sorting task designed to determine if subjects categorize mathematical problems according to their mathematical structure or according to the contextual setting of the problem. Findings from the study are listed and questions are formulated for further research. One of these is whether or not instruction emphasizing the heuristic processes of analysis, deduction, modeling, planning, and trial and error improve the problem-solving abilities of preservice elementary teachers. (JD)

ED 328 542 SP 032 890

Martin, Onaida L.
An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program.

Pub Date—Nov 90

Note—23p.; Paper presented at the Annual Meeting of the Mid-South Educational Research Association (New Orleans, LA, November 14-16, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Career Ladders, Elementary Secondary Education, Master Teachers, *Merit Pay, *Program Attitudes, *Teacher Attitudes, *Teacher Evaluation

Identifiers—*Tennessee Career Ladder Program

The primary purpose of this study was to identify factors that might be associated with teachers applying or not applying to the Tennessee Career Ladder Program. The secondary purpose was to determine if teacher evaluation attitudes influence career ladder decisions. Of the experienced teachers (N=101) participating in the study, most had applied for Career Ladder and passed the evaluation. While 69 percent were on Career Level 1, only 12 percent were on Levels 2 and 3. Of the Level 1 teachers, 77 percent were not planning to continue on to the upper levels. Comparative mean scores with teacher evaluation processes used at the state level were lower than mean scores at the local level. Findings indicated teachers' distrust of how state officials function. The teachers did not perceive the local and state evaluations to be congruent with their evaluation purposes, which appeared to explain why so many were not applying for the next step on the Career Ladder. It was concluded that communication between state evaluators and the teachers had been poor. Some teachers who experienced Career Ladder 1 did not want to subject themselves to possible professional indications that they were not qualified for advanced levels. It was concluded that the pay incentives did not improve the teachers' commitment to their profession since they felt that they were already committed. (JD)

ED 328 543

SP 032 891

Brown, Sally

Planning Small-Scale Research. SCRE Spotlights.

27.

Scottish Council for Research in Education.

Pub Date—Nov 90

Note—6p.

Available from—The Scottish Council for Research in Education, 15 St. John Street, Edinburgh, Scotland EH8 8JR.

Pub Type—Guides - Non-Classroom (055)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Case Studies, Data Collection, *Evaluation Criteria, Foreign Countries, Literature Reviews, Observation, *Research Design, Researchers, *Research Methodology, *Research Tools, Surveys

This paper discusses the nature of research and identifies some of the questions which it is important to address at the planning stage and to return to throughout the life of any research study. In a discussion of the nature of research, it is noted that research findings must be potentially generalizable. The criteria for identifying research questions are discussed and suggestions are made on research methods. The discussion covers the feasibility and/or appropriateness of approaches, such as surveys or case studies, and practical considerations, such as how extensively the literature should be reviewed and how to do data collection. It is pointed out that a researcher's responsibility also includes noting the limitations of the study. (JD)

ED 328 544

SP 032 892

Hauser, Jerald A.

Classroom Discourse: Questions, Quarrels, and Interruptions.

Pub Date—12 Oct 90

Note—13p. Paper presented at the Conference of the International Society for the Exploration of Teaching Alternatives (Indianapolis, IN, October 12, 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Classroom Communication, *College Faculty, Communication Skills, *Critical Thinking, *Discourse Analysis, Higher Education, Preservice Teacher Education, *Questioning Techniques, Teacher Educators, Teacher Student Relationship, *Teaching Methods

Identifiers—Saint Norbert College WI

A 6-week study on the status of classroom discourse was carried out at St. Norbert College (Wisconsin). Ten tenure-track professors kept notes or journals on their classroom discourse activities for 6 weeks and wrote a scholarly essay on the experience at its conclusion. During the period, they also tried to improve discourse quality in their classes. Each of the 10 expressed similar convictions on the importance of students discovering their own individual

voices, rather than passively receiving information. Excerpts from the writings of the 10 participants are offered, featuring agreements and quarrels about the value of discourse, the need for being open and sharing personal knowledge, making subject content "discourse friendly," and grading possibilities. The project resulted in the question, "Is it possible that the best classroom dialogue is driven by excellent in- and out-of-class assignments and projects instead of moment-by-moment direct teaching actions?" Some examples of such work-motivated classroom discourse are given. (JD)

ED 328 545

SP 032 893

Olsen, Duwayne G.

The Quality of Education Graduates Compared to Graduates Not Completing Certification.

Pub Date—[88]

Note—22p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, Academic Persistence, Career Choice, *Class Rank, *College Graduates, Comparative Analysis, *Education Majors, *Grade Point Average, Higher Education, Preservice Teacher Education

This study examined the quality of students who continue in teacher education programs after completing the introductory courses. The purpose was to compare their academic proficiency with a group of students who had completed the same courses but did not continue on to teacher certification. Subjects were 74 graduates who went on to complete certification and 48 who did not. Data were gathered from student transcripts including grades from five core courses, total number of university credits, and grade point averages. The conclusion of the study was that, with the exception of data on two variables involving the number of credits earned in science and humanities courses, the ability and academic background of education graduates was equal to or, for three variables, better than noneducation graduates who had completed at least one of two introductory courses in education but did not complete teacher certification. The results of the study challenge the assertion that poorer students continue in teacher education while better students leave. (JD)

ED 328 546

SP 032 895

Martinez-Pons, Manuel

Test of a Three-Factor Model of Teacher Commitment.

Pub Date—90

Note—3p. Paper presented at the Annual Conference of The New England Educational Research Organization (Maine 1990).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Collegiality, Elementary Education, *Elementary School Teachers, *Job Satisfaction, Recognition (Achievement), Rewards, *Teacher Motivation, *Teacher Persistence, *Teaching (Occupation), Teaching Conditions

One hundred elementary school teachers were surveyed to assess: their perceptions of the prevalence of intrinsically- and extrinsically-oriented work incentives in their schools; their perceptions of the prevalence of aversive work conditions in their schools; and their commitment to teaching. Analysis of the data revealed that: (1) the perception of the prevalence of intrinsically-oriented work incentives and perception of aversive conditions in the workplace were powerful predictors of commitment to teaching, while the perception of the prevalence of extrinsically-oriented incentives was not; (2) overall, the respondents expressed greater intrinsic motivation than extrinsic; and (3) respondents who were predominantly intrinsically motivated expressed a slightly higher degree of commitment to teaching than did respondents who were predominantly extrinsically motivated. Professional incentive efforts need to address the intrinsically motivated goals of teachers, while de-emphasizing the use of extrinsically-oriented work incentives. However, in light of the additional effects of perceived aversive work conditions, it is recommended that, to more fully account for teacher commitment, the teacher work incentive position be expanded to include the effects of aversive conditions in the workplace. (Author/JD)

ED 328 547

SP 032 896

Sparapani, Ervin F. And Others

Middle Grades Teacher Preparation: A Future Focus.

Pub Date—Feb 91

Note—21p. Paper presented at the Annual Meeting of the Association of Teacher Educators (71st, New Orleans, LA, February 16-18, 1991).

Pub Type—Speeches/Meeting Papers (150) — Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adolescents, Classroom Techniques, Individual Development, *Learning Strategies, *Middle Schools, Parent Teacher Conferences, Secondary Education, Social Development, *Student Needs, Surveys, Teacher Attitudes, Teacher Responsibility, *Teacher Student Relationship, Team Teaching

A survey of 136 junior high and middle school teachers focused primarily on teachers' knowledge about and opinions relative to curriculum and teaching strategies appropriate for the early adolescent or transcendent. The teachers came from four states (Alabama, Georgia, Michigan, Pennsylvania), taught in schools in four socio-economic settings, and were considered experienced. Eight recommendations are made based on an analysis of data from the study. It is recommended that: (1) teachers learn the differences between a junior high school and a middle school; (2) teachers study transcendent development; (3) teachers practice and develop cooperative and collaborative learning strategies, plus other strategies appropriate for transcendents; (4) schools foster opportunities for interdisciplinary and team teaching; (5) schools provide opportunities for students to be involved in community projects; (6) teachers involve parents in classroom activities as often as possible; (7) teachers develop classroom management procedures suited to student developmental needs; and (8) states require special certification and training for teachers in junior high and middle schools. The survey form, 16 tables, and 13 references are included. (JD)

ED 328 548

SP 032 897

Strickland, Charles E. O'Brien, Thomas J.

Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study.

Pub Date—20 Feb 91

Note—20p. Paper presented at the Annual Meeting of the Association of Teacher Educators (71st, New Orleans, LA, February 16-18, 1991).

Pub Type—Speeches/Meeting Papers (150) — Reports - Descriptive (141)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—College Students, Course Descriptions, *Curriculum Development, Elementary Secondary Education, *Field Experience Programs, *Foundations of Education, Higher Education, Liberal Arts, Preservice Teacher Education, *Program Effectiveness, Public Schools, Teacher Education Programs

Identifiers—Emory University GA

A description is given of an introductory foundations of education course that requires students to participate in a field experience in the public schools and link their observations to the broader, more theoretical issues in education through a variety of classroom and writing activities. The course, through its design, is particularly effective in a liberal arts college curriculum because it capitalizes on a mix of students, not just teachers-to-be, it is noted that the course is not only an effective starting point for prospective teachers, it also serves as a means of informing noneducators about important issues, and as a vehicle for attracting undergraduates into the teaching profession. A description, illustrated by 13 graphs, is given of the characteristics of 66 students who had taken the course, based on a questionnaire distributed on the last day of class. (JD)

ED 328 549

SP 032 898

Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.

American Association of Colleges for Teacher Education, Washington, D.C.

Spons Agency—Ford Foundation, New York, N.Y. Report No.—ISBN-0-89333-078-7

Pub Date—90

Note—53p.

Available from—AACTE Publications, One Dupont Circle, Suite 610, Washington, DC 20036-2412 (\$15.00).

Pub Type—Numerical/Quantitative Data (110) — Tests/Questionnaires (160)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Black Colleges, *Elementary Secondary Education, *Enrollment Trends, *Ethnic Distribution, *Higher Education, Minority Group Teachers, Preservice Teacher Education, *Racial Composition, Regional Characteristics, *Schools of Education, Surveys

The primary purpose of this survey was to identify the numbers of students in the teacher education pipeline by race and ethnicity. It provides a means of assessing the need for teachers of color at the K-12 level; the potential pool of minority teachers in the postsecondary sector; and prospects for beginning teachers in schools, colleges, and departments of education (SCDE) enrollments. Usable responses were received from 685 SCDEs for a response rate of 57 percent, and additional data were gathered from federal government sources. The goal of the study was to aid in increasing the diminishing supply of Black, Hispanic, Asian, and Native American teachers. The report is organized in three sections. Section 1 highlights key points regarding the growth and diversity of the nation's K-12 and postsecondary sectors. It also offers national summary data on SCDE enrollments by race/ethnicity, institutional type, and academic field. Section 2 provides regional profiles (Northeast, Southeast, Central, and Western) of predicted growth in elementary and secondary school enrollment, and the diversity of postsecondary and SCDE enrollments. Section 3 provides state SCDE enrollment figures by race/ethnicity and specialty area (early childhood, elementary, secondary, special, bilingual, and vocational education) and level (baccalaureate, postbaccalaureate, and doctoral.) (JD)

ED 328 550 SP 032 899
RATE IV—Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.

American Association of Colleges for Teacher Education, Washington, D.C.

Report No.—ISBN-0-89333-077-9

Pub Date—91

Note—37p.

Available from—AACTE Publications, One Dupont Circle, Suite 610, Washington, DC 20036-2412 (\$15.00).

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Cooperating Teachers, Elementary Secondary Education, Enrollment Trends, *Field Experience Programs, Higher Education, Institutional Characteristics, *Laboratory Schools, Preservice Teacher Education, *Schools of Education, Student Characteristics, Student Teacher Supervisors, Student Teaching, *Teacher Education Programs

Identifiers—*Clinical Schools, *Professional Development Schools, Research About Teacher Education Project

The Research About Teacher Education (RATE) Project is an ongoing data collection effort to establish a reliable database about institutions of higher education where teachers are prepared, and about the faculty, students, and programs at these institutions. The data reported in this monograph were taken from four questionnaires—separate faculty and student questionnaires; an institutional questionnaire; and a school-based cooperating teacher questionnaire. Ninety institutions randomly selected from the membership of the American Association of Colleges for Teacher Education constituted the sample for this year's RATE Project. The focus of this study was on laboratory and clinical experiences. After an introductory section on methodology, 5 sections elaborate on the data collected. Section 1 deals with institutional characteristics and enrollment data and trends; section 2 focuses on laboratory, clinical, early field, and student teaching experiences; section 3 discusses data on faculty supervisors and cooperating teachers; section 4 discusses student profiles (demographic data, altruism and career horizons, cultural insularity, and student teaching experiences); and section 5 focuses on preservice preparation and clinical training. The report concludes with a summary of findings on the positive aspects of teacher preparation, especially as they pertain to perceptions about the laboratory, clinical, student teaching, and early field experiences. The summary also underscores some serious constraints to quality laboratory, clinical, and student teaching experiences. Tables, figures, and 11 references are included. (JD)

ED 328 551 SP 032 900
Haenn, Joseph F.

An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.

Southeastern Educational Improvement Lab., Research Triangle Park, NC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Nov 90

Contract—400-86-0007

Note—52p.; For the 1989 update, see ED 318 710. Pub Type—Reports - Research (143) — Numerical/Quantitative Data (110)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Career Choice, *College Graduates, Comparative Analysis, *Compensation (Remuneration), Elementary School Teachers, Elementary Secondary Education, *Professional Personnel, Public Schools, Secondary School Teachers, State Surveys, *Teacher Salaries, Teacher Shortage, *Teaching (Occupation) Identifiers—Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina

This report compares the average annual earnings of teachers to the average annual earnings of college graduates in full-time salaried, nonteaching positions in six states: Alabama, Florida, Georgia, Mississippi, North Carolina, and South Carolina. This is the seventh in a series of annual analyses of wage comparability studies. In addition to comparing average earnings, the report represents several other comparisons between teachers and other college-educated workers, e.g., the growth in earnings throughout a career. One purpose of the analysis is to determine amounts teachers need to be paid to make their salaries equivalent to the earnings of college graduates with similar education and work experience in other occupations, e.g., executives, administrators, and managerial supervisors. It is noted in the conclusion that despite the growth of teachers' salaries over the last 7 years in the Southeast and a slower rate of growth for the earnings of other college-educated workers in the region, teachers' salaries are still not competitive enough to ensure the attraction and retention of adequate numbers of qualified teachers. (JD)

ED 328 552 SP 032 902
Shulman, Judith H., Ed. Mesa-Bains, Amalia, Ed. Teaching Diverse Students: Cases and Commentaries.

Far West Lab. for Educational Research and Development, San Francisco, Calif.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Nov 90

Contract—400-86-0009

Note—138p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—Case Studies, *Classroom Environment, *Cultural Differences, Culture Conflict, Elementary Secondary Education, Family School Relationship, *Intercultural Communication, *Multicultural Education, Racial Attitudes, *Student Needs, Teacher Attitudes, *Teacher Student Relationship, Urban Schools

Identifiers—San Francisco Unified School District CA

This casebook was developed collaboratively by a researcher from Far West Laboratory, a staff developer/researcher from the San Francisco Unified School District, and 11 veteran teachers who teach in large metropolitan settings. It contains 14 narrative cases written by teachers about problems that all teachers face who teach ethnically and racially diverse young people in their classrooms. The teachers describe problematic events from their own experience. Some reflect back on incidents they encountered as beginning teachers, describe how they handled the situations, and examine what they have learned during the ensuing years. Others portray problems they are presently facing. The commentaries that follow each case analyze the situations and are designed to take different perspectives in interpreting the accounts. The book is grouped into four sections highlighting the ways in which the cases are similar to each other. The first two chapters deal with instructional events: the challenges of teaching new concepts and skills to diverse learners, especially when the teacher is white and the students are of color, and the problems of integrating non-English-speaking students into the classroom. The focus of the third chapter is interactions with individual or groups of students who are particularly challenging. In these cases, the teachers wrote about the ways in which their relationships with students

contributed to, or in some cases, detracted from a learning experience. The cases in the last chapter portray the importance and influence of school/family relationships on student learning. An annotated bibliography of 16 items is included, as well as guidelines for writing a case. (JD)

ED 328 553 SP 032 905
Kids Count Data Book. State Profiles of Child Well-Being.

Center for the Study of Social Policy, Washington, DC.

Spons Agency—Annie E. Casey Foundation, Greenwich, CT.

Pub Date—91

Note—176p.; For the 1990 report, see ED 320 167. Pub Type—Numerical/Quantitative Data (110)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Adolescents, Birth Weight, *Child Health, Children, High School Graduates, High Schools, Infant Mortality, *National Surveys, Poverty, Pregnant Students, Prisoners, Racial Differences, State Surveys, *Trend Analysis, Unwed Mothers, Violence, *Well Being, *Youth Problems

Statistics are presented for eight measures of child and adolescent health, education, and social and economic well-being in each of the 50 states and the District of Columbia. Indicators measured were: (1) percent low birth weight babies; (2) infant mortality rate (per 1,000 live births); (3) child death rate ages 1-14 (per 100,000 children); (4) teen violent death rate ages 15-19 (per 100,000 teens); (5) percent teen out-of-wedlock births; (6) juvenile incarceration rate (per 100,000 juveniles); (7) percent of children in poverty; and (8) percent graduating from high school. Data are included on the following perspectives: United States profile; United States minority profile; state profiles; national goals and performance for children; two-year "Kids Count" profile; states in rank order by indicators; and state facts. (JD)

ED 328 554 SP 032 909
Leep, Albert Knox, Donald

Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report.

Ohio Univ., Athens, Coll. of Education.

Spons Agency—Agency for International Development (IDCA), Washington, DC.

Pub Date—90

Note—69p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Agency Cooperation, *Developing Nations, Elementary Education, Foreign Countries, Higher Education, Inservice Teacher Education, Preservice Teacher Education, *Program Development, *Program Evaluation, Staff Development

Identifiers—*Swaziland Teacher Training Project

In 1983, an institutional development approach was established in Swaziland with the goal of achieving universal primary education. The United States Agency for International Development, in cooperation with the government of Swaziland, awarded a contract to Ohio University (Athens) to provide institutional and technical assistance to implement the project. The first section of this report introduces the project and provides background. The second section presents the essence of the contract regarding the work which was to be accomplished under the Swaziland Teacher Training Project, and shows how the statement of work was modified during the course of project implementation. The third section provides a brief description of project inputs and outputs on the part of each of the participating agencies. The fourth section is divided into summary statements related to the major areas of accomplishment achieved by the project. The focus of the fifth section is on "lessons learned" from the project, drawn from the evaluations conducted by external evaluators and the experience of those engaged in carrying out the project. In the sixth section, recommendations are made on the Bachelor of Education and Diploma programs, curriculum and staff development, and inservice education. (JD)

ED 328 555 SP 032 913
Albert, Linda

Cooperative Discipline: Classroom Management that Promotes Self-Esteem.

Pub Date—90

Note—228p.; A multi-media package consisting of a "Teacher's Guide," "Leader's Guide," two

videocassettes (overview session; follow-up session), and program implementation chart.
Available from—American Guidance Service, P.O. Box 99, Publisher's Building, Circle Pines, MN 55014-1796 (\$395; components also available separately).

Pub Type—Guides - Classroom - Teacher (052)
Non-Print Media (100)

Document Not Available from EDRS.

Descriptors—Audiovisual Aids, *Classroom Techniques, *Discipline, Elementary Secondary Education, *Inservice Teacher Education, Program Implementation, *Self Esteem, Staff Development, *Student Behavior, Student Motivation, *Teacher Student Relationship, Videotape Cassettes, Workshops

This multi-media package is designed for inservice training workshops for elementary and secondary teachers. The focus is not only on techniques for solving immediate discipline problems but also on long-term strategies that encourage appropriate deportment by reinforcing cooperative behavior on the part of students. Using a comprehensive approach, "Cooperative Discipline" deals with all three discipline types: corrective, preventive, and supportive. It addresses the topics of student motivation, avoiding and defusing confrontations, ways to reinforce desirable behavior, building student self-esteem, when and how to involve parents and others, and how to discipline cooperatively. The training is organized into two separate components, an overview session and skill-building sessions. The overview session introduces the program concepts, offers a video overview of the program, and begins training in specific techniques; the six skill-building sessions immerse teachers in specific classroom strategies. In these 1- to 2-hour workshops, teachers develop proficiency in cooperative discipline techniques. (JD)

ED 328 556 SP 032 924

Summerfield, Liane M.
Childhood Obesity. ERIC Digest.
ERIC Clearinghouse on Teacher Education, Washington, D.C.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-90-7

Pub Date—Dec 90

Contract—R188062015

Note—3p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adolescents, *Behavior Modification, Children, Dietetics, *Early Intervention, *Eating Habits, Exercise, Family Influence, *Heredity, *Obesity, *Physical Activities

Identifiers—ERIC Digests
In this discussion of childhood obesity, the medical and psychological problems associated with the condition are noted. Childhood obesity most likely results from an interaction of nutritional, psychological, familial, and physiological factors. Three factors—the family, low-energy expenditure, and heredity—are briefly examined. Early intervention is recommended with a focus on physical activity, diet management, and behavior modification. Parent education is also recommended as a means for preventing obesity in children. References are listed. (JD)

ED 328 557 SP 032 925

Arizona Comprehensive Health Essential Skills.
Arizona State Dept. of Education, Phoenix.

Pub Date—Aug 90

Note—196p.

Pub Type—Guides - Classroom - Teacher (052)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—*Behavioral Objectives, Consumer Education, Daily Living Skills, Disease Control, Drug Abuse, Elementary Secondary Education, Environmental Standards, *Health Education, Hygiene, Individual Development, *Minimum Competencies, Nutrition Instruction, *Physical Education, Public Health, Safety, Sex Education, State Curriculum Guides, Units of Study

Identifiers—Arizona

This document sets forth the comprehensive health skills which provide the framework for health education programs for students from K-12. Objectives for each level are described as well as key indicators of what the students should be expected to comprehend at the conclusion of each section. For each of the 13 areas of comprehensive health concerns, essential skills, key indicators, and sug-

gested evaluation are outlined. The areas covered are: (1) life management skills; (2) environmental health; (3) safe environment and injury prevention; (4) substance abuse prevention; (5) nutrition; (6) growth and development; (7) human sexuality; (8) consumer health; (9) community health resources; (10) disease prevention and control; (11) personal health and hygiene; (12) family health; and (13) physical education. (JD)

TM

ED 328 558 TM 014 651

Jagger, Richard M. And Others

A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination.

North Carolina Univ., Greensboro. Center for Educational Research and Evaluation.

Pub Date—28 Nov 86

Note—257p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC11 Plus Postage.

Descriptors—*Attitude Measures, Counselor Attitudes, *Counselor Certification, Counselors, Ethnic Groups, Higher Education, *Knowledge Level, *Licensing Examinations (Professions), Mail Surveys, Majors (Students), *National Surveys, Racial Differences, Sex Differences, Specialists, Test Items, Test Validity

Identifiers—*Job Relevance, *National Board for Certified Counselors Exam

The job relevance of the National Board for Certified Counselors Examination (NBCE) was studied through a survey of professional counselors. The results of this study are presented. The NBCE testing program, the composition and organization of the NBCE, and the frequency with which the NBCE is administered are described. The NBCE is part of a certification process to assess the professional knowledge and competence of applicants. Of the 200 multiple-choice test items that make up the NBCE, 160 are scored and 40 are used to build an item bank for future use. To determine the practical relevance of each of the knowledge topics and knowledge of skills topics assessed by the NBCE, a 121-item mail survey was sent to certified counselors who had taken the examination between its inception in January of 1983 and September of 1985. The sample included 739 counselors. A total of 537 counselors (72.4% of the sample) responded to the survey. Subjects' responses were coded on a five-point scale (crucial, important, of questionable relevance, not relevant, or do not know). The majority of the subjects judged the examination as job relevant, with almost three fourths considering the knowledge tested either crucial or important. This report also highlights relevance judgments according to: (1) specialty areas of practice; (2) various college majors; and (3) various racial or ethnic groups. Study data are provided in 47 tables and 133 graphs. The mail survey is included. (SLD)

ED 328 559 TM 014 727

Heyneman, Stephen P. Ed. Fagerlin, Ingemar, Ed.

University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985).

World Bank, Washington, D. C.

Report No.—ISBN-0-8213-0990-0

Pub Date—Jan 88

Note—235p.

Available from—Publications Sales Unit, Department F, The World Bank, 1818 H Street, N.W., Washington, DC 20433.

Pub Type—Collected Works - Proceedings (021)
EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Achievement, Admission Criteria, College Admission, *College Entrance Examinations, Comparative Analysis, Cross Cultural Studies, Developing Nations, Educational Assessment, Educational Improvement, *Educational Policy, Educational Quality, English, Foreign Countries, Higher Education, *Standardized Tests, Test Construction, *Testing Programs, Test Use, *Universities

Identifiers—Australia, *China, England, Japan, Na-

tional Assessment of Educational Progress, Sweden, United States

In September 1984, the Chinese government asked the Economic Development Institute of the World Bank to assist the officials of the Chinese Ministry of Education in thinking through some policy options for examinations and standardized testing. This document summarizes the descriptions of testing programs and advice provided to these Chinese officials at a meeting held in April 1985. In addition to an introduction by S. P. Heyneman and I. Fagerlin, the following papers are provided: (1) "Admission to Higher Education in Japan" (T. Hidano); (2) "Examinations for University Selection in England" (J. L. Reddaway); (3) "Admission to Higher Education in the United States: The Role of the Educational Testing Service" (R. J. Solomon); (4) "Public Examinations in Australia" (J. P. Keeves); (5) "Education in Sweden: Assessment of Student Achievement and Selection for Higher Education" (S. Marklund); (6) "A Brief Introduction to the System of Higher School Enrollment Examinations in China" (L. Zhen); (7) "Designing the English Language Proficiency Test in China" (G. Shichun); (8) "Assessing the Quality of Education over Time: The Role of the National Assessment of Educational Progress (NAEP)" (A. E. LaPointe); (9) "Cross-National Comparisons in Educational Achievement: The Role of the International Association for the Evaluation of Educational Achievement (IEA)" (J. P. Keeves); (10) "Examinations as an Instrument to Improve Pedagogy" (A. Somer-set); and (11) "Improving University Selection, Educational Research, and Educational Management in Developing Countries: The Role of Examinations and Standardized Testing" (S. P. Heyneman). Collectively, the papers contain 31 tables and 13 figures. (SLD)

ED 328 560 TM 014 728

Lockheed, Marlene E. Longford, Nicholas T.

A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.

World Bank, Washington, D. C.

Report No.—ISBN-0-8213-1417-3; ISSN-0259-210X

Pub Date—Jan 89

Note—78p.

Available from—Publications Sales Unit, Department F, The World Bank, 1818 H Street, N.W., Washington, DC 20433.

Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Developing Nations, Foreign Countries, Grade 8, Individual Differences, International Studies, Junior High Schools, *Mathematics Achievement, *Models, National Surveys, Pretests Posttests, *School Effectiveness, *Secondary School Students, Testing Programs

Identifiers—Multilevel Analysis, *Second International Mathematics Study, *Thailand

A multilevel approach was used to examine determinants of growth in grade 8 mathematics achievement in Thailand. Data for 99 mathematics teachers and their 4,030 eighth graders (the 14-year-old cohort) were taken from the Second International Mathematics Study (1981-82) of the International Association for the Assessment of Educational Achievement. The 13 primary sampling units were the 12 national educational regions of Thailand plus the capital, Bangkok. The schools in this sample were equally effective in converting pretest into posttest scores; there were essentially no variable slopes in this respect. When group and individual effects on total variance were examined, group level effects contributed 32% of the variance and individual effects contributed 68% of the variance in post-test scores, with achievement higher for: (1) boys; (2) younger students; (3) children with higher educational aspirations; (4) those with higher self-perceptions of ability; and (5) those with greater interest in and perceived relevance of mathematics. The model developed explained most of the between-school, but less of the within-school, variance. It is suggested that schools in Thailand are more uniform in their effects than previous research in developing countries has suggested. Nine tables present study data. A 33-item list of references is included. (SLD)

ED 328 561 TM 014 976

Dempsey, John V. And Others

The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training.

Pub Date—90

Note—30p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Chemistry, Classroom Techniques, *Cognitive Processes, Comparative Analysis, Concept Formation, Concept Teaching, High Schools, *High School Students, *Learning Strategies, *Matrices, *Teaching Methods

Identifiers—*Concept Matrix

Outcomes, processes, and emerging questions associated with using matrix structures as both a teaching strategy used by the instructor and a cognitive learning strategy used by cooperative groups of students were studied. In analyzing these concept learning strategies, an effort was made to triangulate sources of data and take into account aspects of the environment that are important to instructors and instructional designers. This study attempted to identify major research questions regarding complex learning outcomes, and evaluate the utility of corresponding data sources. Focus was on increasing the effectiveness of studying a complex process (i.e., internalizing a cognitive strategy). Two pairs of matching rational set matrices of coordinate concepts related to chemistry were presented to 45 high school chemistry students in two chemistry classes at a southern public high school. Students (with one exception) worked cooperatively in two learning groups with the same instructor. In a second sequence, Group 1 used the teaching strategy, while Group 2 constructed their own concept matrices. After instructional matrix use, students took a quiz similar to one of the matrices. The result showed that the concept matrix was a successful teaching strategy. The group constructing their own matrix as a learning strategy retained less information than did those who were taught via the matrix. Implications for instruction are discussed. Two tables and seven figures present the study data. (SLD)

ED 328 562

TM 015 039

Marsh, Herbert W. Byrne, Barbara

The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.

Spons Agency—Australian Research Grants Scheme.

Pub Date—25 Sep 90

Note—38p.; Table 8 contains illegible print.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adolescents, *Androgyny, *College Students, Foreign Countries, Higher Education, High Schools, *High School Students, Models, Prediction, Questionnaires, *Self Concept, Self Concept Measures, *Sex Differences, Sex Role, Sexual Identity, Young Adults

Identifiers—Australia, Canada, *Differentiated Additive Androgyny Model, *Masculinity Femininity Variable

Masculinity (M) and femininity (F) were related to multiple dimensions of self-concept (SC) for responses to the Bem Sex Role Inventory and the Self Description Questionnaire III (SDQ-III) in Study 1, and Australian university students (61% female) in Study 1, and Australian Sex-Role Scale and the SDQ-II by 1,838 Australian high school students (49% female) in Study 2. In Study 1, subjects' significant others were asked to provide ratings of subject SCs. In Study 2, students in Sydney (Australia) were followed from grade 7 through grade 11. Androgyny theory predicts that both M and F contribute to SC, but previous research, relying on undifferentiated SC measures, has found no unique contribution by F. These two studies show that both M and F contributed to the prediction of well-differentiated facets of SC. Consistent with a new model of MF/SC relations, the differentiated additive androgyny model, the relative contributions of M and F varied substantially depending on the area of SC. F contributed more positively to facets for which girls had higher SCs than boys; in some areas the contribution of F was more positive than the contribution of M. In Study 1, the pattern of MF/SC relations was similar for self-responses and ratings by significance others. In Study 2, the MF/SC relations were consistent across the 5 years of school studied, spanning the early to middle adolescence period. In conclusion, the two studies support neither the androgyny interactive nor sex-typed models, and provide only weak support for the additive androgyny and the masculinity models. In contrast, both studies strongly support the differentiated additive model. Eight tables provide study data; and an appendix describes the SDQ-II and SDQ-III scales. A

55-item list of references is included. (SLD)

ED 328 563

TM 015 042

Marsh, Herbert W.

Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.

Pub Date—1 Sep 90

Note—37p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, *Affective Behavior, Behavior Patterns, *Catholic Schools, Coeducation, Comparative Analysis, *Context Effect, Course Selection (Students), Foreign Countries, Grade 10, Grade 11, Grade 12, High Schools, *High School Students, Locust of Control, National Surveys, *Public Schools, School Policy, Self Concept, Single Sex Schools, Student Development

Identifiers—High School and Beyond (NCES)

Growth during the last 2 years of high school was examined in public and Catholic high schools using data from the High School and Beyond database—a large, nationally representative study. Earlier research was extended by considering: (1) affective variables (e.g., self-concept, locus of control), academic choices (e.g., course selection), and post-secondary activities as well as academic achievement outcomes; (2) Catholic single-sex and Catholic coeducational schools separately; and (3) academic self-concept, school policies related to discipline, and academic orientation as mediating variables. Data for 4,378 students from public schools, Catholic coeducational schools, Catholic boys schools, and Catholic girls schools were analyzed. A sample size of 4,000 was used to test statistical significance in all analyses. Results indicate that growth in the last 2 years of high school on a variety of outcomes was modestly larger for Catholic school students than for public school students. Effects favoring Catholic schools were relatively larger for the selection of academic courses, relatively smaller for achievement and university attendance, and almost zero for affective variables. Subsequent analyses suggest that Catholic schools encourage students to take more academically challenging coursework and that this difference explained other public/Catholic differences. Three tables contain study data. A 49-item list of references is included, and an appendix defines the variables considered. (Author/SLD)

ED 328 564

TM 015 911

Educational Statistics of the Republic of China,

1990.

Ministry of Education, Taipei (Taiwan).

Report No.—ISSN-0578-1361

Pub Date—90

Note—259p.

Language—English; Chinese

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC11 Plus Postage.

Descriptors—Adult Education, Elementary Secondary Education, Foreign Countries, Higher Education, *Institutional Characteristics, National Surveys, Preschool Education, *School Statistics, Special Education, *Statistical Data, *Student Characteristics, *Tables (Data), *Teacher Characteristics, Vocational Education

Identifiers—*Taiwan

Tables of statistics are provided to portray education at all levels in Taiwan from approximately 1950 to 1990. The Taiwanese school system, academic year/schedule, current situation of schools, preschool education, compulsory education, secondary education, senior high schools, senior vocational high schools, higher education, social education, special education, supplementary and adult education, and international student exchange programs are described. General information is presented concerning the educational system, including: (1) number of schools; (2) numbers of teachers and other staff; (3) numbers of classes; (4) numbers of students; (5) numbers of students entering graduate schools; (6) entrance information for higher education; (7) educational expenditures; and (8) foreign students and study abroad. Information is presented in greater detail for: preschool education; 9-year compulsory education in elementary schools and junior high schools; senior high school education; vocational secondary schools; higher education, including the system of four- and five-year junior colleges; and social education, supplemental to the school system. Data are derived from an annual

survey of the schools and institutions of higher education. In 1989, there were 6,740 educational institutions, and over 99% of school-age children attended school. (SLD)

ED 328 565

TM 015 920

Morgan, Frank

State Profiles of Public Elementary and Secondary

Education, 1987-88. Survey Report.

National Center for Education Statistics (ED), Washington, DC.

Report No.—NCES-90-073

Pub Date—Oct 90

Note—424p.; Data Series: DR-CCD-87/88-7.2.

For a companion document, see TM 016 111.

Available from—Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC17 Plus Postage.

Descriptors—Educational Finance, Elementary Secondary Education, Faculty, Federal Aid, Graphs, Institutional Characteristics, National Surveys, *Profiles, School Demography, *School Statistics, State Norms, *State Surveys, *Statistical Data, Student Characteristics

Identifiers—American Samoa, Guam, Northern Mariana Islands, Puerto Rico, United States, Virgin Islands

This paper reports summary data on the general characteristics, fiscal revenues and expenditures, educational agency and school numbers and sizes, and students and staff for each state, the District of Columbia, and outlying areas (American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the Virgin Islands). Data are reported for factors that are most commonly used to describe the resources, needs, organization, and special characteristics of education within a state. The paper is organized into four major sections: (1) the "U.S. Profile" section gives summary statistics across the 50 states and the District of Columbia on all variables; (2) the "Rankings of the States" section consists of three tables presenting the relative position of the various states and the District of Columbia on selected variables; and (3) the "State Profiles" section (which composes the bulk of the report); and (4) the "Outlying Areas Profile" section provide numeric data and graphs containing information on all variables. Each "State Profile" includes eight graphs illustrating the data. The "U.S. Profile" section, each "State Profile" section, and each "Outlying Areas" section are comprised of five sections: general characteristics, fiscal data, institutional data, student data, and staff data. Comparative rankings of states on selected variables and an overall summary of each variable are also provided. The major source of data for this report was the National Center of Education Statistics (NCES) annual Common Core of Data survey, which provided information for the 1987-88 school year and 1987 fiscal year. Other sources include the NCES's "Digest of Education" (1988); several surveys published by the Bureau of the Census; statistics on the national school lunch program issued by the U.S. Department of Agriculture, Food and Nutrition Service; and the National Education Association report, "Rankings of the States, 1988". (RLC)

ED 328 566

TM 015 974

Gary, Lee P., Jr.

The Threat of a State Graduation Examination for Non-Public Schools in Louisiana.

Pub Date—1 May 89

Note—5p.; Paper presented to the Louisiana State Board of Elementary and Secondary Education at a Public Meeting (Baton Rouge, LA, April 27, 1989).

Pub Type—Opinion Papers (120) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Achievement, Accreditation (Institutions), Catholic Schools, Government Role, *Graduation Requirements, High Schools, High School Seniors, *Private Schools, State Action, *State Standards, *Testing Problems

Identifiers—American College Testing Program, *Exit Examinations, *Louisiana

The proposal by the Louisiana State Superintendent of Education that non-public schools use a new public high school examination for graduation is described as an unwarranted regulation that threatens the pursuit of excellence and scholarship in private education. The proposed state exit examination is considered to be intrusive and inconsistent with

statutory and constitutional law. It would demand the standardization of the curricula in non-public schools with the state curricula for public schools. The proposal is tied to the approval of a non-public school by the Louisiana State Board of Elementary and Secondary Education. It would require more regulation, sacrificing diversity and traditional values. The results on the American College Test (ACT) of graduating classes from 52 Louisiana Catholic high schools, revealing that 71% of the schools' graduating classes for 1988 scored above the state average of 17.1 for the ACT composite score, indicate that use of a state exit examination is not warranted. Exhibit 1 is a comparison of ACT scores for the 52 graduating classes from Louisiana Catholic high schools in 1988. (SLD)

ED 328 567 TM 016 016

Pugh, Richard C. Hu, Yuehlien

Canonical Correlation: Terms and Descriptions.

Pub Date—Oct 90

Note—29p.; Paper presented at the Annual Meeting of the Midwestern Educational Research Association (12th, Chicago, IL, October 17-19, 1990).

Pub Type—Reference Materials - Vocabularies/Classifications (134) — Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Correlation, Data Interpretation, Dictionaries, Educational Research, *Multivariate Analysis, *Research Methodology, Research Reports, Textbooks, *Thesauri, Vocabulary

Identifiers—Computer Manuals, *Journal of Educational Research

The use of terms to describe and interpret results from canonical correlation analysis has been inconsistent across research studies. This study assembled the terminology related to the use and interpretation of canonical correlation analysis from research articles, textbooks, and computer manuals. Research articles using canonical correlation were culled from the "Journal of Educational Research" from 1978 to 1989. At least 10 textbooks on multivariate analysis and the computer manuals for the Statistical Analysis System program and the Statistical Package for the Social Sciences (SPSS-X) were reviewed. There was considerable inconsistency in the use of the terminology in research articles, textbooks, and computer manuals. To address this confusion, a 69-item dictionary/thesaurus is presented; 32 of the terms include definitions and the remaining terms are cross-referenced to these terms. A 51-item list of references is included. (Author/SLD)

ED 328 568 TM 016 059

Vecchia, Ellen M. Schroeder, David H.

Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6.

Johnson O'Connor Research Foundation, New York, NY. Human Engineering Lab.

Pub Date—Dec 90

Note—44p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Adults, Correlation, *Personality Measures, *Psychological Testing, *Semantics, *Test Construction, Test Format, Test Items, Test Validity

Identifiers—*Objectivity, *Subjectivity

A set of 150 experimental personality items was constructed for an alternate form of the word association personality work-sample developed by the Johnson O'Connor Research Foundation. The items were intended to possess several semantic properties hypothesized to facilitate discrimination between objective and subjective examinees. Specifically, the items were intended to be items that were contrasts, were concrete, had a physical or sensational reference, and were capable of generating alternative responses other than the contrast response. The items were also expected to elicit the keyed response from at least 15% of the examinees. Each of the experimental items was administered to approximately 100 examinees; a total of 1,541 examinees participated in the study. The importance of each of the subject property to an item's performance was examined by having three raters indicate the degree to which each stimulus-keyed response word pair possessed each of the properties. The mean ratings were then correlated with the items' correlations with total scores on Work-sample 35 A (referred to as item-total correlations). Interactions among the ratings were also analyzed. Correlations revealed that the contrast property was the best pre-

dictor of item-total correlation with Work-sample 35 A scores. A semantic analysis of Work-sample 35 A items by M. Daniel, and administration instructions for the work-sample are appended. Six data tables and one figure are included. (TJH)

ED 328 569 TM 016 060

Meier, Scott T.

Construct Validity of an Instrument To Measure

Computer Aversion.

Pub Date—Aug 90

Note—36p.; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Comparative Testing, *Computers, *Construct Validity, Educational Background, Higher Education, Mental Health Workers, *Psychological Testing, Sex Differences, *Undergraduate Students

Identifiers—Computer Anxiety, *Computer Aversion Scale

Development and determination of the construct validity of a scale designed to assess aversion to computers are described. Based on a social learning model emphasizing efficacy, outcome, and reinforcement, the Computer Aversion Scale (CAVS) was developed for use with mental health clients who were high school age and older, as well as mental health professionals. The original CAVS item pool consisted of 45 true/false items. The CAVS produces four scores: (1) efficacy expectations (one's ability to perform behaviors required to operate a computer); (2) outcome expectations (one's knowledge of the required behaviors); (3) reinforcement expectations (whether outcomes produced by computer use meet one's goals); and (4) a total score, reflecting the cumulative effects of goals. A fourth summary score reflects the cumulative effects of the other three scores. Two groups of subjects were employed to reduce the 45-item CAVS to a 31-item instrument, which was then administered to 270 undergraduates enrolled in a large northeastern university. The Attitudes Toward Computers Scale was also administered to 78 subjects who completed the CAVS. The CAVS was also compared with other instruments designed to measure negative affect, including two instruments for use in diagnosing feelings about computers, as well as an instrument for assessing levels of computer experience. Results, which cover such variables as gender and educational background, indicate that the CAVS is a reliable and valid measure of computer aversion. Seven data tables, a 23-item list of references, and the CAVS are included. (TJH)

ED 328 570 TM 016 065

Herrans, Laura L. And Others

Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings.

Spons Agency—Puerto Rico State Dept. of Education, Hato Rey; Puerto Rico State Dept. of Health, San Juan.

Pub Date—Aug 90

Note—42p.; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Adolescents, *Children, *Culture Fair Tests, Data Analysis, Data Collection, Elementary Secondary Education, Ethnic Groups, Intelligence Tests, Item Bias, Pilot Projects, *Puerto Ricans, Spanish Speaking, *Test Construction, Test Validity, Translation

Identifiers—Puerto Rico, *Standardization, *Wechsler Intelligence Scale for Children (Revised)

The process of adapting the Wechsler Intelligence Scale for Children-Revised (WISC-R) for Puerto Rico was begun with the following objectives: (1) to review the existing Spanish translation of the WISC-R; (2) to adapt the WISC-R to Puerto Rican culture and milieu; and (3) to standardize the scale with a representative sample of Puerto Rican children and adolescents. A revised version was prepared to improve the translation and eliminate cultural bias. An item bank was tested with 240 children and adolescents from public and private schools in Puerto Rico to select items for the final form. The final form was standardized with 2,200 subjects whose native language was Spanish. The

test was administered by 16 testers trained in the examination process. Information about the background of subjects was completed for 81% of the sample. The examination process began in October 1988 and was completed in December 1989. Data input and analysis continue to enable the eventual measurement of the cognitive abilities of Puerto Rican children and adolescents using a valid, reliable, and locally standardized test. Ten tables present study information. A 33-item list of references is included. (SLD)

ED 328 571 TM 016 070

Smith, Douglas K.

Shared Ability Analysis across Tests: A Cautionary Note.

Pub Date—Aug 90

Note—29p.; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Ability, *Child Development, Comparative Testing, *Intelligence Tests, Test Reliability, *Test Validity

Identifiers—Kaufman Assessment Battery for Children, Stanford Binet Intelligence Scale, Wechsler Intelligence Scale for Children (Revised)

The consistency by which shared abilities are assessed on three intelligence tests was investigated. Instruments under consideration include: the Wechsler Intelligence Scale for Children-Revised, the Kaufman Assessment Battery for Children, and the Stanford-Binet Intelligence Scale-Fourth Edition. A list of shared abilities and the subtests measuring them was developed for each test. Of the 52 shared abilities, 15 (29%) were measured by all three tests, 9 (17%) were measured by two of the tests, and 28 (54%) were measured by only one instrument. These results are presented in a table that lists the subtests of each instrument and which abilities are measured by each. The consistency by which shared abilities are measured was analyzed by nature of the stimulus (verbal, visual, or a combination of the two), mode of response (verbal or non-verbal), and task demands of the subtests. Of the 15 shared abilities measured by all three tests, only one is measured by subtests in which the nature of the stimuli and response mode are the same and in which there are no differences in the nature of the tasks. The analysis of each shared ability is presented along with a discussion of the results of the analysis. Guidelines and precautions in the use of shared ability analysis across tests are presented. (Author/TJH)

ED 328 572 TM 016 071

Secondary Education in North Carolina: A Report

of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I, Volume 1. End of Course Testing.

North Carolina State Dept. of Public Instruction, Raleigh. Div. of Accountability Services/Research.

Pub Date—Dec 90

Note—141p.

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—*Academic Achievement, Algebra, Biology, Chemistry, Comparative Testing, English, Geometry, Mathematics Achievement, Physics, Public Schools, School Districts, Secondary Education, *Standardized Tests, *State Programs, Student Characteristics, *Student Participation, Tables (Data), *Testing Programs, Test Results, Trend Analysis, United States History

Identifiers—*North Carolina End of Course Testing Program

Results from North Carolina's End-of-Course Testing Program in 1989-90 are presented. Participation, student characteristics, and achievement are summarized, largely in table form, for the following subject areas: (1) Algebra I, (2) Geometry, (3) Algebra II, (4) Biology, (5) Chemistry, (6) Physics, (7) U.S. History, and (8) English I. Background information is also given on the history, purposes, and development of the End-of-Course testing program. Of the 391,611 end-of-course tests taken in 1989-90, 919 were perfect scores, and 8,817 had no more than three items answered incorrectly. Many results from previous years are summarized, documenting modest gains over the last 5 years in the

proportion of students taking advanced mathematics and in the percentage of students beginning an accelerated mathematics sequence in grade 8. Strengths and weaknesses of schools and school systems can be identified by examining relative performance on the 2,240 test items assessed in 1989-90. Eleven tables and 26 figures illustrate comparative performance for previous years, and 1989-90 results. The last two sections of the paper present eight tables of results for outstanding school systems, and five tables of results for public school systems, respectively. (SLD)

ED 328 573 TM 016 072

Singer, Ronald S.

The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students.

Pub Date—90

Note—32p.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Comparative Testing, Grade 7, Grade 8, Grade 9, Junior High Schools, *Junior High School Students, *Mathematics Achievement, Questionnaires, *Scores, *Student Attitudes, Test Results, Test Use

Identifiers—*Collaborative Testing, Curriculum Based Assessment, Pre Algebra, *Testing Effects The effect of collaborative testing on junior high school students' scores was investigated. Twenty-two students in grades 7, 8, and 9 were given curriculum-based tests in their pre-algebra classes. Some tests were taken individually in the traditional manner, and others were taken collaboratively by students in pairs over a 10-week period. Collaborative and individual scores were compared, and collaborative test scores for 1990 were compared with individual test scores for 1989. A questionnaire was administered to the subjects to determine their reactions to collaborative testing. Questionnaire results indicate that all students preferred the collaborative testing. Test scores showed a mean improvement of 9% over the 10 weeks, while the previous year's students, tested traditionally, had dropped 5% during the same time period. These findings indicate that: collaborative testing offers an effective way of improving achievement in certain classes, and student attitudes toward classes can be positively affected by collaborative testing. The study questionnaire and two tables of test results are appended. A 42-item list of references is included. (Author/SLD)

ED 328 574 TM 016 074

Taylor, Dianne L.

Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic.

Pub Date—Jan 91

Note—28p.; Paper presented at the Annual Meeting of the Southwest Educational Research Association (San Antonio, TX, January 24-25, 1991).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Discriminant Analysis, Effect Size, Evaluation Methods, Sample Size, *Statistical Significance

Identifiers—Invariance Principle, *Jackknifing Technique, *Sample Specificity

As significance testing comes under increasing criticism, some researchers are turning to other indices to evaluate their findings. Included among the alternative options are the interpretation of effect size estimates and the evaluation of sample specificity (invariance testing). Using a hypothetical data set of 64 cases and two predictor variables, this study explains one approach to estimating whether the results in a study are sample specific—the jackknife method. The jackknife technique is useful with many statistical procedures and is especially appropriate when the sample size is small. The results of a descriptive discriminant analysis followed by the application of the jackknife are discussed to illustrate the procedure. When used with discriminant analysis, the jackknife technique evaluates the stability of the discriminant function coefficients. Ten tables and a 23-item list of references are included. (Author/SLD)

ED 328 575 TM 016 079

Plato, Kathleen C.

Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20% Innovative Projects of Statewide Significance."

Washington Office of the State Superintendent of Public Instruction, Olympia.

Pub Date—89

Note—7p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Finance, *Educational Innovation, *Effective Schools Research, Elementary Secondary Education, Federal Legislation, *Federal Programs, Grants, Program Development, *Research Projects, School Districts, State Federal Aid, *State Programs

Identifiers—Hawkins Stafford Act 1988 Chapter 2, *Washington

Chapter 2 of the Elementary and Secondary School Improvement Amendments directs that at least 80% of funds targeted under the law be delivered to school districts, while up to 20% may be reserved for statewide use. In 1989, the Office of the Superintendent of Public Instruction in Olympia (Washington) redirected this 20% to support a competitive grants program to reward local innovation in programs with statewide significance. Policy shifts and program direction during the selection process for these projects are described. Applications were reviewed by three readers looking for innovation and for significance beyond the local impact. Many factors of program delivery and finance were considered. A final factor was the requirement that a certain minimum be in special areas such as effective schools. The first 25 projects of statewide significance were selected for implementation in spring 1990. Some of the projects highlighted include: (1) alternative methods of credit accumulation; (2) an interdisciplinary curriculum development project for at-risk youth; (3) music education curricula; (4) transition from middle school to high school; (5) use of multimedia technology in cooperative learning and critical thinking; (6) total child student management programs; and (7) educational materials related to a museum collection. Twenty-five projects and their award amounts are listed. (SLD)

ED 328 576 TM 016 081

Ligon, Glynn And Others

Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).

Pub Date—Jan 90

Note—29p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Community Role, Dropout Prevention, Dropout Rate, Dropout Research, *Dropouts, Graduation, *High Risk Students, Industry, *Nontraditional Education, *Predictive Measurement, *School Attendance Legislation, School Statistics, Secondary Education, *State Legislation

Four essays and associated introductory text constituting the proceedings of a symposium on dropout research issues are presented. The introduction by Glynn Ligon makes a call for considering what is known about dropouts, what is needed to be known about dropouts, and how these findings can be communicated to educators, the public, and lawmakers. The papers include: (1) "Are the Very High Dropout Rates Being Reported Greatly Exaggerated?" (George H. Olson); (2) "Can We Predict Which Students Will Graduate or Drop Out?" (Linda Frazer); (3) "Can We Legislate Students To Stay in School?" (Sylvia Garcia); and (4) "Does Private Industry Have a Role in Keeping Students in School?" (Jeff Cole). The first paper purports that: much of the confusion concerning national dropout rates (estimated at 25% to 50%) is due to recordkeeping problems; and if student accounting methods are improved, dropout rates will decrease. The second paper reviews three studies conducted at the Austin (Texas) Independent School District on predicting dropout and graduate rates, and describes characteristics of effective dropout prevention programs. The third paper describes legislative efforts in which new social policies related to schooling are used to convince parents and their children that all students must graduate from high school, and considers educational reform and school restructuring. The fourth paper takes the perspective of the Texas Research League, and considers the multifaceted role of private industry in preventing school dropouts. Audience questions and comments are included. (TJH)

ED 328 577 TM 016 082

Ligon, Glynn And Others

Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).

Southwest Educational Research Association.

Pub Date—Jan 90

Note—24p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Trends, Elementary Secondary Education, *History, State Government, *State Programs, State School District Relationship, Test Construction, *Testing Programs

Identifiers—Test Publishers, *Texas

Four essays and associated introductory text constituting the proceedings of a symposium on statewide testing in Texas are presented. The papers include: (1) "Statewide Testing in Texas: Historical Perspective" (Glynn Ligon); (2) "Statewide Testing in Texas: Local School District Perspectives" (Whit Johnstone and others); (3) "Statewide Testing in Texas: Test Author/Publisher Perspectives" (Mikel Brightman and others); and (4) "Statewide Testing in Texas: Governmental Perspectives" (Elaine Davis). Audience questions and comments are included. Recommendations and comments are made concerning the following topics: defining who is being held accountable and how; the three most important issues in statewide testing programs (money, time, and usefulness of data); the need for more focus on the sample of items used for norm-referenced scores on subsequent statewide tests; problems associated with legislators' role in educational policymaking; the need for interlevel articulation of the reasons for testing and how research will influence testing programs; and related testing problems. It is concluded that: Texas schools have become more accountable; education in Texas has improved for lower achieving students, but not for higher achieving students. (TJH)

ED 328 578 TM 016 085

Fisk, Yvette Hester

A Brief Overview of Three Classes of Methods for Detecting Item Bias.

Pub Date—Jan 91

Note—26p.; Paper presented at the Annual Meeting of the Southwest Educational Research Association (San Antonio, TX, January 24-25, 1991).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Chi Square, Comparative Analysis, *Difficulty Level, *Item Bias, Item Response Theory, Literature Reviews, Mathematical Models, *Statistical Analysis, Test Items

Identifiers—Delta Plot Method

The reasons for recent endeavors to evaluate item bias are discussed, and item bias is defined. Some of the literature regarding the most promising methods of detecting item bias is reviewed. Three classes of methods for detecting item bias are discussed using concrete examples and illustrations. These methods are: (1) latent trait; (2) chi-square; and (3) item difficulty methods. The item difficulty method is considered to be the least computationally demanding method of the three. A small data set consisting of two groups of 17 examinees each taking a 15-item dichotomously-scored test is provided to illustrate the delta-plot technique—a user-friendly method involving item difficulties. It is concluded that researchers must decide on the best method to use based on: (1) the application of the results; (2) the level of statistical sophistication required; and (3) the practicality of implementing each method. Latent trait methods are statistically superior to chi square and item difficulty methods; however, the latter two methods are easier to implement. A 28-item list of references, two tables, and four graphs are included. (Author/SLD)

ED 328 579 TM 016 087

Croft, Cedric Gilmore, Alison

Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-57-X

Pub Date—86

Note—48p.

Available from—New Zealand Council for Educational Research, P.O. Box 3237, Wellington, New Zealand.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Ability Identification, *Admission Criteria, *College Entrance Examinations, College Students, *Evaluation Methods, Foreign Countries, Higher Education, Intelligence Tests, Interviews, *Journalism Education, Listening Comprehension, *Test Validity, Writing Evaluation

Identifiers—Wellington Polytechnic (New Zealand)

Selection procedures for the Wellington (New Zealand) Polytechnic Journalism Program were studied. An exploratory analysis of 1983 selection data was undertaken, resulting in elimination of one selection test and establishment of a provisional cut-off for 1984 applicants. In the principal study, the following four aspects were examined: (1) selection tests; (2) the selection interview; (3) the personal information asked of applicants; and (4) the role of the written assignment required of applicants. Selection tests included: a test of general mental ability for use at the tertiary level; a story written after interviewing another candidate; and a test of listening comprehension. The pool of about 162 successful applicants from 1982 to 1984 (about 54 applicants per year) and about 150 unsuccessful applicants from 1982 to 1984 (about 50 applicants per year) formed the sample. Correlations were determined for the course grades, selection tests, and the ratings of candidates by three course instructors. Selection tests demonstrated satisfactory validity against course grades. It is suggested that the general ability test would be best complemented by a composite test sampling the skills measured by the other tests. Recommendations incorporated into the 1985 selection process and suggested for future use are discussed. Appendices provide information about students and forms used in the study. (SLD)

ED 328 580 TM 016 088

Yee, Juliet Wagner, Graham

Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.

New Zealand Council for Educational Research, Wellington.

Report No.—ISBN-0-908567-69-3; ISSN-0111-7513

Pub Date—87

Note—120p.

Available from—New Zealand Council for Educational Research, P.O. Box 3237, Wellington, New Zealand.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—Academic Achievement, *Achievement Tests, *Elementary School Teachers, English, Foreign Countries, Grade 5, Grade 6, Grammar, Hindi, Intermediate Grades, Interviews, Listening Comprehension Tests, Mathematics Tests, *National Surveys, Reading Comprehension, Reading Tests, Social Studies, *Standardized Tests, *Test Use, Vocabulary Skills

Identifiers—*Fiji, *Standardized Tests of Achievement for Fiji

The Standardized Tests of Achievement for Fiji (STAFs) were developed to measure skills and concepts of curriculum subjects for elementary schools. Two parallel tests were issued in early 1980 for Class-6 subjects (students in grade 6 of Fiji primary schools): (1) English Reading Comprehension; (2) English Listening Comprehension; (3) English Grammar; (4) English Vocabulary; (5) Social Studies; and (6) Mathematics. Then, vernacular versions in Fijian and Hindi were developed for Class five subjects. A survey was conducted to determine whether the STAFs were being used as designed. Mail surveys were sent to 650 Fijian primary schools (through Class 6) for completion by school administrators, and 10% of these schools were selected for interviews with as many teachers as possible. A total of 498 usable questionnaires were returned, and interviews were conducted in 66 schools. Data for 37 of the 66 schools interviewed were used to validate data collected from the returned mail questionnaires. Usage trends of Class-5 and Class-6 tests were similar. The use of STAFs was fair on the whole; however, the following problem areas were identified: (1) distribution of testing materials; (2) inservice training and teacher familiarization with tests; (3) test administration; (4) the need for tests to be updated on an on-going basis; and (5) appointment of an officer in charge of ad-

ministering the STAFs. Seventy-one tables present study data. Four appendices contain supplemental material and the survey questionnaire. (SLD)

ED 328 581 TM 016 090

Croft, Cedric

Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2.

New Zealand Council for Educational Research, Wellington.

Pub Date—82

Note—5p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, Classroom Techniques, *Cognitive Tests, Culture Fair Tests, Elementary Secondary Education, Foreign Countries, Intelligence Tests, *Nonverbal Tests, Performance Tests, *Test Use

Identifiers—Fact Sheets, *Paper and Pencil Tests

Non-verbal tests are paper-and-pencil tests that do not involve verbal language. Such tests use shapes, patterns, diagrams, and sequences to measure general intellectual skills of a non-verbal nature. The use of such tests in schools is described. Performance tests using concrete apparatus are distinguished from these paper-and-pencil non-verbal tests. Major assumptions underlying the use of these tests include: (1) non-verbal tests tap a set of thinking skills basic to intellectual functioning and measure general intelligence; (2) non-verbal tests are more valid measures of the school potential of the low achiever than are verbal tests; and (3) non-verbal tests are culture free. None of these assumptions can be supported. Non-verbal tests appear to measure in the broad domain of intelligence and cannot be disregarded entirely. They are legitimate aids in determining the range and strength of an individual's cognitive abilities, particularly for career planning. It is important to recognize that non-verbal tests provide information for use in conjunction with a variety of sources. (SLD)

ED 328 582 TM 016 091

Cobbs, Henry L., Jr. Wilmoth, James Noel

An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.

Atlanta Public Schools, Ga.; Auburn Univ., Ala. Center for Vocational and Adult Education.

Pub Date—90

Note—104p.; Paper based on Revision Number 1 of Report Number 1: "Observation Schedule for Computers in the Classroom Environment" to the Atlanta Public Schools, September 17, 1990.

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Check Lists, *Classroom Environment, Classroom Observation Techniques, Computer Literacy, *Computer Uses in Education, *Data Collection, Educational Technology, Elementary Education, *Elementary School Students, Evaluation Methods, *Evaluators, Grade 2, Grade 3, Grade 4, Naturalistic Observation, Research Methodology, Student Attitudes, Teacher Attitudes

Identifiers—*Atlanta Public Schools GA

An instrument used to assess educational environments for computers as new tools for teaching and learning was studied in grades 2, 3, and 4 of the Atlanta (Georgia) Public Schools (APS) in May 1990. The instrument contained 46 items indexing: (1) the immediate and expanded spaces for the computer stations; (2) the presence of software and manuals; (3) teacher practices; and (4) student perspectives. Items were constructed from a list of teacher proficiencies claimed as outcomes resulting from contracted teacher training provided by the software vendor. Data were collected by observers in randomly selected classrooms representing all elementary schools in the APS. Observations were attempted in 338 classrooms. Univariate statistics and norming analyses are presented for all items and selected transformations. Reliabilities and coefficients for the full scale and selected subscales are tabulated and discussed to give a picture of computer use in these elementary schools. The desired teacher proficiencies were not revealed by this study. Eighteen tables present study data. Appendix A presents the Observation Schedule for Computers in the Classroom Environment; and Appendix B is a 326-item list of observer comments. A 33-item list of references is included. (SLD)

ED 328 583 TM 016 092

How North Carolina Ranks Educationally among the Fifty States-1990.

North Carolina State Dept. of Public Instruction, Raleigh. Div. of Accountability Services/Research.

Pub Date—90

Note—82p.

Available from—Publications, North Carolina Department of Public Instruction, 116 W. Edenton St., Raleigh, NC 27603-1712.

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Comparative Analysis, *Educational Finance, Educational Trends, Elementary Secondary Education, Graphs, Higher Education, *School Statistics, State Norms, *State Surveys, Statistical Data, Tables (Data), Trend Analysis

Identifiers—*North Carolina

Information is presented about education in North Carolina. Data are included in the following areas: (1) population; (2) enrollment and attendance; (3) faculty numbers and salaries; (4) general financial resources; (5) governmental revenue; (6) school revenue; (7) governmental expenditures and debt; (8) school expenditures; and (9) miscellaneous statistics relating to education. Over 100 statistics pertaining to education are presented in two sections: North Carolina's Rank, 1990; and Educational Trends in North Carolina. For some indices, North Carolina showed slight gains over other states, as illustrated in the amount of money spent on higher education. Relative to other states, North Carolina's per capita income was low, and state and local tax revenues and teacher salaries continued to be below the national average. Combined North Carolina per capita state and local expenditures for elementary, secondary, and postsecondary education were below the national average; and North Carolina ranked even lower in expenditures for local elementary and secondary schools. Fourteen pages of tables and 16 bar graphs are included. A glossary is appended. (SLD)

ED 328 584 TM 016 093

Shealy, Robin Stout, William

An Item Response Theory Model for Test Bias.

Illinois Univ., Urbana. Dept. of Statistics. Spons Agency—Office of Naval Research, Arlington, VA. Cognitive and Neural Sciences Div.

Pub Date—10 Jan 91

Contract—ONR-N00014-90-J-1940

Note—55p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Ability, Equations (Mathematics), Individual Differences, Item Bias, *Item Response Theory, *Mathematical Models, *Nonparametric Statistics, Scores, *Standardized Tests, *Test Bias

This paper presents a conceptualization of test bias for standardized ability tests which is based on multidimensional, non-parametric, item response theory. An explanation of how individually-biased items can combine through a test score to produce test bias is provided. It is contended that bias, although expressed at the item level, should be studied at the test level. The model postulates an intended-to-be-measured target ability and nuisance determinants whose differing ability distributions across examinee group cause bias. Multiple nuisance determinants can produce item bias cancellations, resulting in little or no test bias. Detection of test bias requires a valid subset, whose items measure only target ability. A long-test viewpoint of bias is also developed. Four graphs and a 30-item list of references are included. (Author/SLD)

ED 328 585 TM 016 094

Burton, J. R.

Report on the Use of the Standard Progressive

Matrices with Male Corrective Trainees.

New Zealand Council for Educational Research, Wellington.

Pub Date—90

Note—12p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adolescents, Comparative Testing, Correctional Institutions, Correctional Rehabilitation, Foreign Countries, *Intelligence Tests, *Males, Nonverbal Tests, *Prisoners, *Psychological Testing, Test Norms, *Test Use, Young Adults

Identifiers—Australia, Great Britain, New Zealand, *Standard Progressive Matrices

The differences in raw scores between two versions of the Standard Progressive Matrices Test (SPM) and differences in available norms for one version and the currently studied population were investigated. The SPM was originally designed to measure the general factor of intelligence unrestrained by language. Scores for the untimed SPM version published in Britain in 1983 (SPM British) and the timed SPM version published by the Australian Council for Educational Research (SPM-ACER) were compared for 107 male corrective trainees (Maori, European, and Pacific Islanders) in New Zealand ranging in age from 16 years to 20 years 4 months. Norms for the SPM-ACER for Australian prison inmates and norms for the SPM British for children in New Zealand aged 8 to 16 years were compared for use for the New Zealand offenders. Both forms of the SPM were found equivalent in relation to use by the population sampled in this study, but the two sets of norms were not equivalent. It is suggested that the SPM-ACER should be abandoned for the study sample because the norms appeared to grossly inflate the performance levels of these corrective trainees. The use of the SPM British and New Zealand norms was recommended. Instructions for the comparative testing are included. (SLD)

ED 328 586

TM 016 096

Arter, Judith A.

Using Portfolios in Instruction and Assessment. Northwest Regional Educational Lab., Portland, OR. Test Center.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Nov 90

Contract—OERI-400-86-0006

Note—43p.

Pub Type—Reference Materials - Bibliographies (131) — Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, Educational Assessment, Elementary Secondary Education, Evaluation Criteria, Higher Education, Language Arts, *Portfolios (Background Materials), *Self Evaluation (Individuals), *Student Evaluation, Student Participation, Student Records, *Teaching Methods, Test Construction, Writing (Composition), *Writing Evaluation

Identifiers—*Curriculum Based Assessment, *Writing Samples

The state of the art in using student portfolios in the schools is summarized, based on an annotated bibliography of over 50 articles produced by the Northwest Regional Educational Laboratory (NREL). This set of materials is an addendum to a previously developed workshop series designed to assist educators in developing their own curriculum-referenced tests. Although there are some disagreements about what a portfolio should be, the NREL has concluded that a portfolio must be a purposeful collection of student work that exhibits a student's progress in a given area or areas while including: (1) student participation in selection of the portfolio content; (2) the criteria for selection; (3) the criteria for judging merit; and (4) evidence of student self-reflection. Examples were derived from the areas of writing and integrated language arts, where most of the work with portfolios has been. Issues in using portfolios are discussed, with emphasis on: purposes, curriculum and instruction, content, assessment, management and logistics, and staff development. Appendix 1 gives examples of four students' written self-reflections. Appendix 2 is a 68-item annotated bibliography of portfolio articles that were prepared by the NREL. (SLD)

ED 328 587

TM 016 098

Ekstrom, Ruth B. Bejar, Isaac I.

Computer-Based Assessment of Cognition: The ETS Factor Kit.

Pub Date—Aug 90

Note—17p.; Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Cognitive Processes, *Cognitive Tests, Comparative Testing, *Computer Assisted Testing, Educational Assessment, *Educational Trends, *Factor Analysis, Pilot Projects, Psychological Studies, Secondary Education, Secondary School Students, *Test Construction, Test For-

mat, Testing Problems

Identifiers—*Educational Testing Service Factor Kit, Paper and Pencil Tests

The history of the Educational Testing Service (ETS) Factor Kits is summarized. The original ETS Factor Kit was developed in 1954 and contained 51 items, three each for each of 15 factors and six for a 16th factor. The next edition was developed in 1963 and included adaptations (clones) of the defining tests instead of the exact copies. These tests marked 24 factors. The current edition of the ETS Factor Kit was developed in 1976 and consists of 72 tests marking 23 cognitive factors. Some limitations of paper-and-pencil versions of the kits are identified, and computer-administered versions being developed are described. Information is given about a study comparing computer and paper-and-pencil tests. The Factor Kit tests were intended to be used as markers in factor-analytic studies of cognition and have been widely used in psychological research. Tests that could be used to determine a number of major factors were assembled in "kits" for factorial research. Limitations of the format restricted the kinds of cognitive processes that could be assessed and the ways in which tests could be scored. Questions of test misuse arose. Creating computer-administered versions posed a number of problems in the areas of timing, confirmation and correction of responses, and pacing. For the computer-administered versions, system features are described. A small pilot study compared the two formats using data for 30 secondary school students aged 13 to 19 years, who took part of each kit of 10 tests in each format. Results suggest that the factors measured by these 10 tests were not affected by the use of the computer version. Versions of the computer-administered kit for field testing are anticipated in 1992. Three tables provide details about the 1954, 1963, and 1976 editions of the Factor Kits. A 17-item list of references is included. (SLD)

ED 328 588

TM 016 100

Prosser, Barbara

Use of the U-Method To Establish the External Validity of Discriminant Analysis Results.

Pub Date—Jan 91

Note—29p.; Paper presented at the Annual Meeting of the Southwest Educational Research Association (San Antonio, TX, January 25-27, 1990).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Classification, *Discriminant Analysis, Monte Carlo Methods, *Prediction, *Validity

Identifiers—Empirical Methods, *External Validity, Jackknifing Technique, *U Method, Validation Verification and Testing Techniques

Accurate classification in discriminant analysis and the value of prediction are discussed, with emphasis on the uses and key aspects of prediction. A brief history of discriminant analysis is provided. C. J. Huberty's discussion of four aspects of discriminant analysis (separation, discrimination, estimation, and classification) is cited. Predictive accuracy results when an investigator understands certain main rules and validation methods. The generalizability of discriminant analysis results, and external versus internal analysis are considered. Four traditional types of external validation methods are discussed: (1) the empirical method; (2) the holdout method; (3) Monte Carlo method; and (4) the random assignment method. Two non-traditional methods, the jackknife and the U-method, are also reviewed. Focus is on the U-method, which is illustrated using a hypothetical data set of 64 cases for which the actual classifications (four groups) are known. Four classification tables are provided, which demonstrate concepts such as hit rates, leave-one-out, and predictor ordering. A summary is presented to improve the interpretation of discriminant analysis results and multivariate procedures in general. A 15-item list of references is included, and selected file commands are outlined. (SLD)

ED 328 589

TM 016 103

Rowell, R. Kevin

Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis.

Pub Date—24 Jan 91

Note—22p.; Paper presented at the Annual Meeting of the Southwest Educational Research Association (San Antonio, TX, January 25-27, 1991).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Comparative Analysis, Life Satisfaction, Mathematical Models, Nursing Homes, Older Adults, *Predictive Measurement, *Regression (Statistics)

Identifiers—*Commonality Analysis, *Variance (Statistical)

This paper explains how commonality analysis (CA) can be conducted using a specific Statistical Analysis System (SAS) procedure and some simple computations. CA is used in educational and social science research to partition the variance of a dependent variable into its constituent predicted parts. CA determines the proportion of explained variance that is unique to a predictor variable and the proportion that is common to two or more predictors. Whereas the ordering of the predictors using stepwise regression may lead to faulty data interpretations, CA is a method by which all possible predictor combinations are tested to determine the model that best explains predicted variance. Data from a study of life satisfaction (LS) among 198 elderly residents in 17 Texas nursing homes illustrate procedures for conducting CA with regression results. The subjects completed a LS questionnaire to determine if their self-reports of LS differed from those of the elderly living outside of nursing homes. Eight subscale components and the number of years in the nursing home were analyzed by regression to determine which variable best predicted nursing home satisfaction. Meaning was the dominant factor in predicting nursing home satisfaction and accounted for about 80% of all explained variance in the sample. In addition, a SAS computer program for obtaining all possible R-squared values is discussed as an efficient method of implementing the required analyses. CA offers a fairly straightforward method of analysis when no more than four independent variables are of interest. Three tables of data are presented, and the R-squares of LS scales are included. (SLD)

ED 328 590

TM 016 107

Bhola, H. S.

A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations.

Pub Date—Sep 90

Note—31p.; Paper presented at the Evaluation Seminar of the Institute of International Education (Stockholm, Sweden, September 17, 1990).

Pub Type—Reports - Evaluative (142) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Administration, Decision Making, Educational Assessment, *Evaluation Methods, *Management Information Systems, *Models, Naturalistic Observation, Organizational Development, *Organizations (Groups), *Planning, *Self Evaluation (Groups)

Identifiers—Paradigm Shifts, *PIM Model, Stakeholder Evaluation

The argument underlying the ongoing paradigm shift from logical-positivism to constructionism is briefly outlined. A model of evaluation planning, implementation, and management (the P-I-M model) is then presented, which assumes a complementarity between the two paradigms. The P-I-M Model includes three components of educational evaluation: a management information system (MIS), naturalistic evaluation, and rationalistic evaluation. The P-I-M Model of evaluation incorporates the dialectic between logical-positivism and constructionism, and the dialectic between descriptive data and evaluative data. The model implies that for effective decision making within human organizations, both evaluative data and descriptive data are needed. Evaluative data generated by evaluation studies must, therefore, be strengthened by an appropriate MIS that can generate descriptive data concurrently with the process of program implementation. The P-I-M Model, if fully actualized, will enable human organizations to become vibrant "cultures of information" where "informed" decision making becomes a shared norm among all stakeholders. Eight flowcharts are provided to illustrate the P-I-M Model. A 25-item list of references is included. (SLD)

ED 328 591

TM 016 109

Tucker, Mary L. LaFleur, Elizabeth K.

Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data.

Pub Date—Jan 91

Note—31p.; Paper presented at the Annual Meeting of the Southwest Educational Research Association

ciation (San Antonio, TX, January 24-26, 1991).
Pub Type—Reports—Evaluative (142)—
Speeches/Meeting Papers (150)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—Attitude Measures, *College Seniors, *Decision Making, Factor Analysis, Higher Education, Occupational Tests, Statistical Analysis

Identifiers—Bartlett's Test of Significance in Factor Analysis, *Exploratory Factor Analysis, K1 Rule, Minimum Average Partial Rule (Velicer), Parallel Analysis (Horn), Scree Test

Factor analysis is used frequently by researchers as a data reduction and summarization technique. Many analysts use exploratory factor analysis to search for underlying dimensions in attitudinal studies. Concern arises when novice researchers rely solely on information derived from computer printouts to factor analyze data, dismissing theoretical consideration of concepts underlying this analytical procedure. A primer on principal components exploratory factor analysis is presented, and five decision rules for selecting the number of principal components to retain are discussed: (1) the K1 rule; (2) the Scree test; (3) Bartlett's test; (4) the minimum average partial method; and (5) parallel analysis. A small data set, obtained in an actual exploratory study, was used to illustrate the discussion. The study addressed effects of preemployment tests on attitudes toward a firm formed by individuals outside that firm. In a pilot study, responses of more than 400 graduating seniors to three different preemployment tests were analyzed. In a second study, 249 graduating seniors and master's candidates responded to preemployment test scenarios. Dimensions of applicants' attitudes were examined through exploratory factor analysis. It is concluded that the results of different decision rules must be used when determining the number of principal components, and that factor analyses should be run with one or two components above and below those suggested with the five methods in order to avoid underextraction or overextraction. Analysts are cautioned to not rely on computer programs and preset default outputs as the "last word." Three figures and four tables supplement the discussion. A 35-item list of references is included. (Author/SLD)

ED 328 592 TM 016 111

Davis, Jo Ann

Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Local, and Wealth Clusters, 1987-88. Survey Report.

National Center for Education Statistics (ED), Washington, DC
Report No.—NCES-91-074

Pub Date—Dec 90

Note—142p; Data Series: SP-CCD-87/88-7.2. For a companion document, see TM 015 920.

Available from—Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Numerical/Quantitative Data (110)—Reports—Evaluative (142)

EDRS Price—MF01/PC06 Plus Postage.

Descriptors—Educational Finance, Elementary Secondary Education, Graphs, Income, *Institutional Characteristics, Local Norms, National Surveys, Profiles, *Public Education, *Regional Characteristics, Rural Schools, School Districts, School Personnel, *State Norms, State Surveys, *Statistical Data, *Student Characteristics, Tables (Data), Urban Schools

Identifiers—*Common Core of Data Program, Wealth

Regional and subregional division characteristics of public elementary and secondary education in the United States are reported. Characteristics associated with urbanicity and wealth are also reported. Factors examined are those most commonly used to identify the resources, needs, organization, and special characteristics of education within each state. The factors are displayed in numeric and graphic form to make them useful for a wide range of audiences and purposes. Data were derived from a variety of sources. A major data source was the annual Common Core of Data survey of the National Center for Education Statistics. Data are presented in 46 graphs and 17 tables in four sections: (1) state background information (population totals, total school-age (5-17 years old) population, and state capacity to support public education); (2) institutional characteristics (numbers, types, and sizes of school districts and schools); (3) education staff and students (counts of students and teachers, adminis-

trators, and other education staff and ratios of selected staff to students); and (4) revenues and current expenditures for public elementary and secondary education. Selected highlights include the following: Idaho, Maine, and Nevada have the highest percentage (95.5%) of 5-year-old through 17-year-old students attending public schools; the largest school districts are located within the South Atlantic division, the city-urban fringe locale, and the moderately high relative wealth clusters; Delaware has the highest percentage (10.2%) of special education schools, and North Dakota has the second highest percentage (5.2%); student/teacher ratio tends to vary by geographic region more than by urbanicity or relative wealth; and Tennessee spends the largest percentage (69.9%) of total current expenditures on instruction. Descriptions of type of locale and a table comparing the relative wealth of each state are appended. (SLD)

ED 328 593 TM 016 112

Koubek, Richard J.

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance.

Wright State Univ., Dayton, Ohio.

Spons Agency—Office of Naval Research, Arlington, VA. Cognitive and Neural Sciences Div.

Pub Date—Dec 90

Contract—ONR-N00014-90-J-1256

Note—25p.

Pub Type—Reports—Research (143)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—*Cognitive Ability, Cognitive Style, Comparative Analysis, Difficulty Level, Higher Education, Hypothesis Testing, *Individual Differences, Knowledge Level, *Performance Factors, Skill Development, *Training, *Undergraduate Students

Identifiers—Automatization, *Knowledge Representation, *Training Effectiveness

The roles of training, problem representation, and individual differences on performance of both automated (simple) and controlled (complex) process tasks were studied. The following hypotheses were tested: (1) training and cognitive style affect the representation developed; (2) training and cognitive style affect the development and performance of automated processing; (3) training and cognitive style affect controlled process task performance; (4) task representation affects development and performance of automated processes; and (5) task representation affects controlled process task performance. To test these hypotheses, 19 undergraduate students (9 males and 10 females) of varying cognitive abilities were trained in an alphabetic (n=9) or hierarchical (n=10) manner to use a word processor. After training, the subjects' task representation was assessed and they were required to perform both controlled and automatic process tasks. The first hypothesis was not supported; the second, fourth, and fifth hypotheses were supported; and the third hypothesis could not be confirmed. Performance on repetitive tasks associated with automatization was influenced by training style and the mental task representation held by individuals. Task representation was also a significant determinant of performance on complex cognitive-oriented (controlled process) tasks. No effect was found for individual differences. To maximize performance, training and task design should consider the mental representation of the task. Two figures and four tables present study data. (SLD)

ED 328 594 TM 016 114

Gregory, Kemp

More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change.

Pub Date—Jan 91

Note—29p; Paper presented at the Annual Meeting of the Southwest Educational Research Association (San Antonio, TX, January 24-26, 1991).
Pub Type—Opinion Papers (120)—Speeches/Meeting Papers (150)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—Child Development, Cost Effectiveness, Elementary Secondary Education, *Holistic Evaluation, Interrater Reliability, *Research Methodology, *Scoring, Student Evaluation, Testing Problems, *Writing Evaluation

A balanced appraisal of holistic scoring of writing is presented via: examination of the present popularity of holistic scoring; analysis of several weaknesses associated with the holistic scoring method; and recommendations for remedying these weaknesses. Six reasons for the popularity of holistic scoring are:

(1) relative lack of expense; (2) efficiency; (3) reliability; (4) the appeal of a holistic approach; (5) awareness of child development; and (6) invariance of score point descriptions. The weaknesses of holistic scoring are largely those of: lack of time for test takers or scorers; problems of interrater reliability and score scale consistency; inappropriate developmental principles; and the need for more open communication about the tests and the scoring. The overall thrust of this paper is that the popularity of holistic scoring is justified. Furthermore if its weaknesses are dealt with in a joint fashion by publishers, researchers, and educators, holistic scoring will become a better assessment tool for future research. A 26-item list of references is included. (SLD)

ED 328 595 TM 016 121

The National Education Report Card Act of 1990.

Hearing on S.2034 To Authorize the Creation for a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources, Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990).

Congress of the U.S., Washington, D.C. Senate Subcommittee on Education, Arts and Humanities. Report No.—Senate-Hrg-101-1017

Pub Date—90

Note—104p.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price—MF01/PC05 Plus Postage.

Descriptors—*Academic Achievement, Educational Assessment, *Educational Legislation, Educational Objectives, Educational Policy, Elementary Secondary Education, Federal Programs, *Government Role, Hearings, *National Programs, *National Surveys, *Public Policy

Identifiers—Congress 101st, *National Report Card, Proposed Legislation

A Congressional hearing was held to consider: (1) the S.2034 To Authorize the Creation of a National Education Report Card To be considered: (1) the creation of a National Education Report Card to Schools and To Establish a National Council on Educational Goals, students and schools, and (2) the establishment of a National Council on Educational Goals. This document provides statements presented at this hearing concerning the National Education Report Card Act of 1990 (S. 2034). Prepared statements of D. P. Doyle and R. Mitchell are included. The introductory remarks of Senator J. Bingham discuss educational assessment. S. Fuhrman of the Center for Policy Research in Education voices support for a National Council. Support for the national report card is provided by P. D. Forgione Jr., Connecticut State Department of Education. Statements by G. Ambach, Council of Chief State School Officers, and B. Honig, California Department of Education, are included. On September 10, 1990, the Subcommittee met again to discuss the formation of a National Council and the question of its independence from the political process. The following presenters' oral and prepared statements are provided: C. T. Cross, Office of Educational Research and Improvement; E. W. Clausen, American Association of School Administrators; M. C. Fricke, National School Boards Association; M. Waterman, National Parent Teacher Association; P. Kronkosky, Southwest Education Development Laboratory; and D. G. Stoner, Council for Educational Development and Research. A prepared statement from the National Education Association is also included. (SLD)

ED 328 596 TM 016 122

Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition.

South Carolina State Dept. of Education, Columbia. Office of Research.

Pub Date—May 90

Note—384p.

Available from—Management Information Section, Office of Research, Room 605, Rutledge Building, Columbia, SC 29201 (\$6.00).

Pub Type—Numerical/Quantitative Data (110)

EDRS Price—MF01/PC16 Plus Postage.

Descriptors—Comparative Analysis, County School Districts, Economics, Educational Fi-

nance, Elementary Secondary Education, Institutional Characteristics, Local Norms, Population Trends, *Public Schools, *School Districts, School Personnel, School Statistics, State Norms, *Statistical Data, Student Characteristics, *Tables (Data)

Identifiers—Educational Indicators, *Ranking, *South Carolina

Data are presented to allow comparisons of school districts on various characteristics that result from, or are closely connected with, education in South Carolina. This document presents 115 tables of ranked characteristics related to public education in South Carolina. The characteristics are arranged alphabetically by the 91 school district or county names and numerically by characteristic value. In some instances, a high value is favorable; in others, it may be unfavorable. Estimates reflect the population as of July 1, 1988. Tables are grouped according to the following topics: (1) population; (2) economics; (3) pupils; (4) professional staff; (5) finances; and (6) miscellaneous information. For the 1988-89 school year, the largest number of students served by a local public school system was 50,813 as reported by Greenville School District, and the smallest number of students served by a local school district was 548 as reported by Marion School District 4. The largest percent increase in enrollment from 1979 to 1989 was 34.4 as reported in Dorchester School District 2, and the largest percent decrease over the past 10 years was 31.7 in Clarendon School District 1. During 1988-89, one of every 25 public school students (4.2%) in grades 9 through 12 dropped out of school. Thirty-seven school districts reported dropout rates that exceeded the average for the state. The teacher turnover rate among the 91 school districts from 1987-88 to 1988-89 ranged from 3.9% to 33.9%. The current operating expenditures per student in South Carolina public schools increased from \$1,229 in 1978-79 to \$3,439 in 1988-89. The statewide average pregnancy rate among females 14 to 17 years old was 5.7% during 1988. Four appendices provide supplemental information, and a fifth appendix presents a glossary of terms used in reporting. (SLD)

ED 328 597 TM 016 124

Report on the Implementation of the Basic Skills Assessment Program 1989-90.

South Carolina State Dept. of Education, Columbia. Office of Research.

Pub Date—Dec 90

Note—35p.; For a related document, see TM 016 126.

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Academic Achievement, Adult Education, Basic Skills, Criterion Referenced Tests, *Educational Trends, Elementary Secondary Education, Grade 1, Graphs, High School Equivalency Programs, Mathematics Tests, *Program Implementation, Reading Tests, *School Readiness Tests, Science Tests, *Standardized Tests, *State Programs, *Testing Programs, Writing Tests

Identifiers—Cognitive Skills Assessment Battery, Exit Examinations, *South Carolina Basic Skills Assessment Program

To comply with state law, the results of the South Carolina Basic Skills Assessment Program (BSAP) are reported for the 1989-90 school year. Accomplishments included: (1) administering the readiness test—the Cognitive Skills Assessment Battery (CSAB)—to all first graders; (2) administering criterion-referenced basic skills tests to all students in grades 1, 2, 3, 6, and 8; (3) administering the Exit Examination to eligible students in grades 10, 11, and 12, and to adult education students; (4) administering BSAP science tests to students in grades 3, 6, and 8, and applying state standards for the BSAP science test for the first time; and (5) monitoring the implementation of the instructional components of the BSAP. Of the 55,911 first graders tested using the CSAB in August and September of 1989, 74.4% were classified as ready, a percentage that has remained basically the same since 1985. About 24% of the first graders tested in 1989 were classified as not ready. Between 1979 and 1989, the number of students classified as ready increased by 14.2 percentage points. CSAB data for the past 2 years show a large increase in the proportion of first grade students who attended a public kindergarten at age 5 years (74.7% in 1979 and 87.5% in 1989). Performance on the BSAP tests indicated significant improvement in reading for every grade, but stabilized

performance in mathematics and writing over the last 3 years. Increasing numbers of high school students passed the Exit Examination; adult students were taking the Exit Examination for the first time. Monitoring the BSAP resulted in teacher education and other staff training efforts. Recommendations by the Basic Skills Advisory Commission are included. Seven bar graphs illustrate the findings. (SLD)

ED 328 598 TM 016 125

Educational Trends in South Carolina. Office of Research Report Series.

South Carolina State Dept. of Education, Columbia. Office of Research.

Pub Date—May 90

Note—100p.

Pub Type—Numerical/Quantitative Data (110)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Demography, Economics, Educational Finance, *Educational Trends, Elementary Secondary Education, Enrollment, Expenditures, Private Schools, Public Schools, School Districts, *School Statistics, Scores, Standardized Tests, *State Programs, State Surveys, Statistical Data, Tables (Data), *Testing Programs, Trend Analysis

Identifiers—Scholastic Aptitude Test, *South Carolina

Trends in quantitative facts relevant to public education in South Carolina are provided for the 1988-89 school year along with information beginning with the reference year of 1969-70. Twenty-six tables contain statewide information on enrollment, educational finances, programs, and test scores. Thirty-three other tables provide district summaries of equivalent information. The number of children enrolled in grades 1 through 12 in South Carolina public and private schools decreased from 689,418 in 1969-70 to 625,763 in 1988-89. Although the state population and per capita income have increased over 500% from 1969-70 to 1988-89, the number of children has decreased due to declining birth rates, and the portion of the state budget allocated to public education has declined. South Carolina spent less per student than did other states in the Southeast, and spent almost \$1,000 per student less than the national average. Statewide dropout rates declined, and readiness for first grade, measured by a cognitive skills test, increased. The percentage of students scoring above the 50th national percentile on the statewide testing program increased across all six skill areas and five grade levels, and the percentage of students meeting the statewide standards for reading and mathematics increased from 1980-81 to 1988-89. Scholastic Aptitude Test scores for South Carolina high school seniors increased 16 points on the verbal and 28 points on the mathematics sections from 1969-70 to 1988-89, in spite of a national drop in verbal and mathematics scores of 33 points and 12 points, respectively. (SLD)

ED 328 599 TM 016 126

South Carolina Basic Skills Assessment Program, 1989-1990 Results.

South Carolina State Dept. of Education, Columbia. Office of Research.

Pub Date—Sep 90

Note—161p.; For a related document, see TM 016 124.

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—*Academic Achievement, Adult Education, Basic Skills, Criterion Referenced Tests, Elementary Secondary Education, Graphs, High School Equivalency Programs, *Mathematics Tests, *Reading Tests, Science Tests, Scores, *State Programs, Statistical Data, Tables (Data), *Testing Programs, Test Results, *Writing Tests

Identifiers—Exit Examinations, *South Carolina Basic Skills Assessment Program

Statewide results of South Carolina's Basic Skills Assessment Program (BSAP) are provided in terms of the percentages of students meeting statewide performance standards in reading, mathematics, writing, and science. BSAP tests were administered statewide on April 23-27, 1990, in grades 1, 2, 3, 6, and 8. The BSAP Exit Examination was administered to eligible students in grades 10, 11, and 12. In the 1989-90 academic year, 54,737 first-graders, 49,651 second-graders, 48,995 third-graders, 46,266 sixth-graders, and 43,552 eighth-graders were tested in reading and mathematics, for a total of 243,201 students. The 1990 BSAP test results

indicate that a clear majority of students in grades 1, 2, 3, 6, and 8 met the standards on the BSAP reading, mathematics, and writing tests. Almost eight out of ten students in grades 1, 2, and 3, and almost six out of ten students in grades 6 and 8 met the standards on all tests administered. Gains of one percentage point or more in the past year were only noted in reading in grades 3 and 8; other scores remained relatively stable. Performance on the Exit Examination has improved each year for 10th-graders, with more first-time test takers passing. Spring 1990 marked the first administration of the BSAP science test to which state standards were applied. Percentages meeting the standard ranged from 46.0 in grade 8 to 57.5 in grade 3. Eleven bar graphs are presented. Seven appendices contain 86 pages of tables of results. Appendix H presents cautions in interpreting test results. (SLD)

ED 328 600 TM 016 127

Ward-Besser, Gail. *Hearn, Cynthia A.*

Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series.

South Carolina State Dept. of Education, Columbia. Office of Research.

Pub Date—Dec 90

Note—109p.

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC05 Plus Postage.

Descriptors—*Birth Rate, College Bound Students, Comparative Analysis, County School Districts, Elementary Secondary Education, Enrollment Projections, Estimation (Mathematics), Higher Education, High School Graduates, *Population Trends, School Districts, *School Statistics, *Statistical Data, Tables (Data), *Trend Analysis

Identifiers—*South Carolina

State and county estimates of basic statistics relevant to educational planning in South Carolina are presented. The report includes actual and projected counts for grades 9 and 12, as well as actual and projected counts of first grade membership, high school graduates, and graduates who enter a college degree program. Enrollment figures have been replaced by average daily membership counts, and all projected grade counts are based on average daily membership. Membership projections are calculated using the cohort survival method incorporating 5 years of historical membership data. The 57,239 reported live births in 1989 represented the largest count recorded since 1963. There were 663 fewer first-grade students in 1989-90 (56,178) than in 1988-89. In 1989, about 68% of the first-graders of 1977-78 graduated. The 12th-grade graduation rate was about 95% in 1988-89, as compared to 94% in 1978-79. Forty-seven pages of tables provide data concerning births, selected grade comparisons, high school graduates, and number entering college for the state as a whole and 46 counties. (SLD)

ED 328 601 TM 016 132

Five Years Later: A Look at the EIA Investment.

South Carolina State Dept. of Education, Columbia. Div. of Public Accountability.

Pub Date—May 90

Note—23p.; Paper was extracted from "What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984" (see TM 016 133).

Pub Type—Numerical/Quantitative Data (110) — Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Educational Change, *Educational Improvement, Educational Legislation, Educational Trends, Elementary Secondary Education, Graphs, *Program Effectiveness, Program Evaluation, *State Legislation, State Surveys, Statistical Data, Tables (Data)

Identifiers—Educational Indicators, *South Carolina Education Improvement Act 1984

A 5-year review of the impact of South Carolina's comprehensive reform legislation, the Education Improvement Act of 1984 (EIA), is presented. Throughout the report, comparisons of EIA program productivity in 1989 with pre-EIA performance are displayed in short program summaries, 33 graphs, and 14 tables. The EIA targeted seven major areas for improvement: (1) raising student performance; (2) teaching and testing basic skills; (3) elevating the teaching profession; (4) improving leadership; (5) implementing quality controls and rewarding productivity; (6) creating effective partnerships; and (7) providing school buildings. Most

programs are now operating statewide, while some continue to be phased in. On nearly every quantifiable indicator of quality and effectiveness, the data show marked increases since the passage of the EIA. Opinions from students, teachers, and administrators confirm the positive effect of EIA programs on the educational system." (SLD)

ED 328 602 TM 016 133

What Is the Penny Buying for South Carolina?
Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984.
South Carolina State Dept. of Education, Columbia.
Div. of Public Accountability.

Pub Date—1 Dec 89

Note—152p.

Pub Type—Numerical/Quantitative Data (110)—
Reports - Evaluative (142)

EDRS Price - MF01/PC07 Plus Postage.

Descriptors—Educational Change, *Educational Improvement, Educational Trends, Elementary Secondary Education, *Program Effectiveness, Program Evaluation, *Public Schools, School Effectiveness, *State Legislation, Statistical Data Identifiers—*South Carolina Education Improvement Act 1984

The Education Improvement Act (EIA), legislated in 1984, was one of the steps South Carolina has undertaken to reform and improve its system of public education. The EIA contained provisions addressing seven major educational goals: (1) raising student performance; (2) teaching and testing basic skills; (3) elevating the teaching profession; (4) improving leadership, management, and fiscal efficiency of schools at all levels; (5) implementing quality controls and rewarding productivity; (6) creating more effective partnerships; and (7) providing school buildings. To fund the program, the state's sales tax was raised one cent on the dollar. This assessment provides information on all of the EIA provisions. Most programs were in operation statewide, although some continue to be phased in. On almost every quantifiable indicator of quality, the data reflect a marked increase since passage of the EIA. Results from opinion surveys of students, teachers, and administrators reflect an endorsement of 80% or higher of the impact of the EIA. Specific information is presented on each of the goals addressed to serve as a reference for readers desiring a comprehensive overview and to provide a basis for the recommendations presented. Educational reform plans for the next 5 years and the state's Target 2000 legislation are considered. Appendix A contains the procedures used to conduct the evaluation surveys, and Appendix B summarizes the status of program implementation. An index to the EIA provisions is provided. There are 88 graphs and 86 tables throughout the report. (SLD)

ED 328 603 TM 016 134

Mullis, Ina V. S.
The National Assessment of Educational Progress (NAEP). ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-1

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Academic Achievement, *Data Collection, *Educational Assessment, Elementary Secondary Education, Mathematics Achievement, Multiple Choice Tests, *National Surveys, Reading Achievement, Research Methodology, *Research Projects, *Sampling

Identifiers—ERIC Digests, *National Assessment of Educational Progress, Open Ended Questions

This digest describes the organization of the National Assessment of Educational Progress (NAEP) and what is included in a typical NAEP assessment. The way in which the NAEP selects students for assessments and how the assessments are used are discussed. The NAEP is a congressionally mandated project of the National Center for Education Statistics. The operational contract for 1990 and 1992 has been awarded to the Educational Testing Service and its subcontractor; the policy guidelines are formulated by the National Assessment Governing board. NAEP objectives for each assessment take the form of frameworks or matrices for content

and process areas such as reading and mathematics. Students are selected through detailed sampling procedures. In 1990, approximately 87,000 students participated in the national assessment and another 100,000 students participated in the state assessments of eighth-grade mathematics. The NAEP estimates that in 1992, the assessments will involve 419,000 students in 12,000 schools. Data are collected by trained administrators to reduce the burden on participating students and schools. The assessment instruments, which are generally administered in group settings, include a variety of multiple-choice and open-ended items. The NAEP results are presented in the Nation's Report Card, which describes relationships between achievement and a variety of background characteristics. A two-item list of additional reading materials is included. (SLD)

ED 328 604 TM 016 135

Loxley, Bill

The International Association for the Evaluation of Educational Achievement. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-2

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Agency Role, *Educational Assessment, Educational Policy, Educational Research, Elementary Secondary Education, Information Dissemination, *International Organizations, International Studies, Organizational Objectives, *Private Agencies, *Research Projects, Statistical Analysis, Test Construction

Identifiers—ERIC Digests, *International Assn Evaluation Educ Achievement

This digest examines the organization of and international studies conducted by the International Association for the Evaluation of Educational Achievement (IEA). The IEA is a non-profit, private association that conducts international comparative studies on schools and aids the research community in developing international tests and statistical techniques. The IEA has 39 member countries. Policy makers and educators use IEA data to assess alternative curricula, monitor the quality of schooling worldwide, identify effective schools and determine ways of improving their own educational systems, and improve their understanding of the instructional learning process. The organizational structure of IEA consists of a chairperson, and secretariat. Specific studies are managed by specially appointed steering committees and implemented by national centers. IEA studies include a decennial assessment of a core of school studies in math, science, reading literacy, composition, and foreign languages. Other studies include: a 35-country reading literacy study; the third international mathematics and science study; school and teacher resource assessments that focus on opportunity-to-learn indicators; longitudinal and in-depth case studies; a 21-country computer education study; and a 13-country study of pre-primary early childhood care and education. In the area of information dissemination, the IEA publishes bulletins, a semi-annual newsletter, and a guidebook on the IEA research network; the IEA also sponsors conferences on issue-related topics. A 4-item list of additional reading materials is included. (TJH)

ED 328 605 TM 016 136

Childs, Ruth Axman Rudner, Lawrence M.

State Testing of Teachers: The 1990 Report. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-3

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*College Entrance Examinations, El-

ementary School Teachers, Higher Education, *Licensing Examinations (Professions), Secondary School Teachers, *State Programs, State Surveys, Tables (Data), *Teacher Certification, Teacher Education, *Testing Programs

Identifiers—ERIC Digests, *Teacher Competency Testing

The results of the annual survey of state teacher testing programs in 1990 are summarized. State directors of teacher testing programs were contacted in the summer of 1990 and asked to update the data compiled in 1989 by the ERIC Clearinghouse on Tests, Measurement, and Evaluation. The results show that 46 states required teacher testing in 1990. Twenty-seven states use admissions tests; 17 use only commercially available tests, 5 allow colleges of education to select tests, three use only custom designed tests, and 2 use both commercially available and custom designed tests. Thirty-six states use certification tests; 27 use only commercially available tests, 7 use only custom designed tests, and 2 use both commercially available and custom designed tests. Certification tests assess basic skills (teachers' competencies in reading, writing, and mathematics) in 26 states, professional skills (teachers' abilities to teach) in 25 states, and subject knowledge (teachers' expertise in their areas of specialization) in 24 states. A table lists, for each state, the name of the test used, passing rate, and passing scores for both admission and certification tests, where appropriate. The table includes some information on coverage area (basic, professional, and/or subject) for the certification tests. A three-item list of additional reading materials is included. (TJH)

ED 328 606 TM 016 137

Chapman, Carmen

Authentic Writing Assessment. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-4

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary School Teachers, *Evaluation Methods, Higher Education, Inservice Teacher Education, *Instructional Innovation, Nontraditional Education, Portfolios (Background Materials), Secondary School Teachers, *State Programs, Student Evaluation, *Teacher Workshops, Writing (Composition), *Writing Evaluation, Writing Instruction, Writing Workshops

Identifiers—*Authentic Writing Assessment, ERIC Digests, *Illinois Writing Project

Some of the ways authentic writing assessment can be used in education are discussed. Using the Illinois Writing Program (IWP) as an example, this digest also looks at some of the goals, solutions, and experiences of a program that is implementing authentic writing assessment. New directions in authentic assessment are aimed at going beyond writing as an isolated subject unto itself by integrating writing into the teaching of all subject areas, including science and mathematics. An authentic writing assignment should reflect various types of writing as well as levels of complexity related to the task assigned in the assignment's prompt. An increasingly popular format is portfolio assessment, in which students complete a body of writing over a prolonged period of time. The IWP was designed to represent defined writing skills as well as status and growth; verify that the methods used to construct, conduct, and verify the assessment meet technical standards; and implement an informational network to allow classroom and district personnel to use test results to improve instruction. Criteria for the rating system concentrate on the paper's maintenance of a compositional focus, the use of supportive arguments, organization, and use of conventional English. The assessment also produces a focused holistic score on integration, which reflects how well the composition as a whole accomplishes the assignment. Teacher involvement in the program is fostered via workshops, provided to over 1,000 teachers during the program's 5-year history. A five-item list of additional reading materials is included. (TJH)

ED 328 607

TM 016 138

Dutcher, Peggy

Authentic Reading Assessment. ERIC Digest. American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC. Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-5

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Elementary Secondary Education, Evaluation Research, *Multiple Choice Tests, *Nontraditional Education, *Reading Tests, *State Programs, Student Evaluation, Student Interests, Test Construction, Test Format, *Testing Programs, Test Items

Identifiers—*Authentic Reading Assessment, ERIC Digests, *Michigan Essential Skills Reading Test, National Assessment of Educational Progress

Authentic reading assessment is examined, focusing on its implementation within the Michigan Essential Skills Reading Test (MESRT). Authentic reading assessment emerged as a response to research that indicates that reading is not a particular skill but an interaction among reader, text, and the context of the reading situation. Unlike formal assessments of reading, the MESRT uses intact, full-length stories and subject-area reading selections taken from real life materials, such as children's magazines, literature anthologies, and textbooks for different grade levels. The reading selections are then the driving force for developing test items. The MESRT uses the following three types of constructing-meaning items: (1) intersentence items, in which the answer to the test item can be found in two to three contiguous sentences within the reading selection; and (2) "beyond text" items, in which the reader not only constructs meaning from the text but also must bring in some of his or her own prior knowledge to answer the test item. In addition to the constructing-meaning items, the MESRT includes self-report items that assess student knowledge about illustrations or organization of specific texts as well as items that assess students' interest in and feelings about specific reading selections. To date, the reactions of parents and teachers have been positive. The positive impact of continuing research on reading and reading assessment is reflected in the 1992 National Assessment of Educational Progress reading framework as well as in other efforts. A six-item list of additional reading materials is included. (TJH)

ED 328 608

TM 016 139

Macklem, Gayle L.

Measuring Aptitude. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-7

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, Achievement Tests, *Aptitude Tests, Comparative Testing, Educational Research, Elementary Secondary Education, Intelligence Tests, *Predictive Measurement, Research Utilization, Test Results, *Test Use

Identifiers—Aptitude Improvement, ERIC Digests

Aptitude tests are defined in contrast to intelligence and achievement tests. Although aptitude tests, like intelligence tests, measure a student's overall performance across a broad range of mental capabilities, the former also often include items that measure more specialized abilities (such as verbal and numerical skills) that predict scholastic performance in educational programs. Compared to achievement tests, aptitude tests cover a broader area and a wider range of experiences. Research data indicate that individually administered aptitude tests identify predictors of future scholastic achievement, compare performance across students, provide a profile of students' strengths and

weaknesses, assess differences among individuals, identify hidden talents in some children, and provide information about handicapped students. Aptitude tests provide information for instructional, administrative, and guidance purposes. Overall, research on the improvement of aptitude test scores is inconclusive, but it does indicate that effective training approaches involve the following: longitudinal, non-intrusive techniques; interaction of student abilities and training methods; practice and feedback; incorporating other strengths of the student; and focus on aspects of intellectual aptitude that have been identified as trainable. A five-item list of additional reading materials is included. (TJH)

ED 328 609

TM 016 140

Merz, William R., Sr. And Others

Neuropsychological Assessment in Schools. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-8

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Children, *Diagnostic Tests, Disabilities, *Educational Diagnosis, Elementary Secondary Education, *Neuropsychology, Norm Referenced Tests, *Psychological Testing, Standardized Tests, *Test Use, Test Validity

Identifiers—ERIC Digests

The nature of neuropsychological assessment and its application in the school environment are discussed. Neuropsychology is the study of how the brain and nervous system affect thinking and behavior. A complete neuropsychological assessment requires gathering and analyzing information on a child's: (1) physical, social, and psychological development; and (2) education. Sources of data for neuropsychological assessments include parental observations, formal observation, standardized measures, and other tests such as the Halstead-Reitan Neuropsychological Test Battery and the Luria-Nebraska Neuropsychological Battery. Educational application of neuropsychological assessment is particularly pertinent today due to recent laws concerning education of the handicapped, the wide range of programs offered by schools for the developmentally disabled, and the difficulties involved in identification of learning disabilities. Although neuropsychological tests are excellent diagnostic tools, they are limited by the following: thoroughly trained professionals must administer the tests and interpret results; several other indicators must be used along with test results; questions about the validity of norms for such tests; and the time consuming nature of the tests. A five-item list of additional reading materials is included. (TJH)

ED 328 610

TM 016 141

Childs, Ruth Axman

Gender Bias and Fairness. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-9

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Achievement Tests, *Aptitude Tests, College Entrance Examinations, Court Litigation, *Culture Fair Tests, Elementary Secondary Education, Legal Problems, *Sex Bias, *Test Bias, Test Interpretation, Test Results, Test Use

Identifiers—ERIC Digests, New York, Scholastic Aptitude Test

A brief introduction to the topic of gender bias and fairness in testing is provided. A test is biased if men and women with the same ability levels tend to obtain different scores. The conditions under which a test is administered, the wording of individual test items, and a student's attitude toward the test can affect test results. While gender bias is a characteristic of the test itself, gender fairness refers

to the ways test results are used. Detection of gender bias involves checking questions for: references that may be offensive to members of one gender; references to objects that are more familiar to men or to women; and unequal representation of men and women as actors or representation of members of each gender only in stereotyped roles. Gender bias assessments are particularly important for aptitude and achievement tests. Determining whether test results are being used fairly requires examination of the organizational policies that determine how test results are used. This latter issue is illustrated with a court case ("Sharif v. New York State Education Department") concerning the use of SAT scores as sole determinants of scholarship awards. A four-item list of additional reading materials is included. (TJH)

ED 328 611

TM 016 142

Wiggins, Grant

The Case for Authentic Assessment. ERIC Digest.

American Institutes for Research, Washington, DC; ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-TM-90-10

Pub Date—Dec 90

Contract—R188062003

Note—4p.

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Comparative Testing, Cost Effectiveness, *Educational Assessment, Elementary Secondary Education, Nontraditional Education, Public Opinion, Standardized Tests, *Test Use, Test Validity

Identifiers—*Authentic Assessment, California Assessment Program, *Direct Assessment, ERIC Digests, Indirect Assessment

Based on material prepared for the California Assessment Program, an argument in favor of authentic assessment is presented, and authentic assessment is contrasted with traditional standardized tests. An assessment is authentic when student performance on intellectual tasks is directly examined. Comparatively, traditional assessment relies on indirect or proxy items. Issues addressed include cost, effort and time requirements, and public suspicions regarding the objectivity of authentic assessment. It is contended that a move toward more authentic tasks and outcomes improves teaching and learning. In authentic assessments, students have greater clarity about their obligations and are asked to master more engaging tasks, and teachers can see assessment results as meaningful and useful for improving instruction. Conventional testing is probably adequate if the aim is to monitor performance. However, tests must be composed of exemplary tasks, criteria, and standards if the goal is to improve performance across the board. A five-item list of additional reading materials is included. (TJH)

ED 328 612

TM 016 143

S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session.

Congress of the U.S., Washington, D.C. Senate.

Pub Date—30 Jan 90

Note—13p.

Pub Type—Legal/Legislative/Regulatory Materials (090)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Academic Achievement, Data Collection, Educational Assessment, *Educational Legislation, Educational Objectives, Elementary Secondary Education, *Federal Legislation, National Surveys, Private Education, Public Education

Identifiers—Congress 101st, *National Report Card

A Bill (S. 2034) with a short title of the "National Education Report Card Act of 1990," was introduced in the Senate by Senators Bingaman, Mitchell, Kennedy, and Harkin. The contents of this Act include the following sections: findings, establishment, membership and appointments, functions, interim council report, annual report card, powers of the council, administrative provisions, and authorization of appropriations. The establishment of an

independent council of respected, bipartisan, and diverse experts to study the nation's educational system was recommended. This council would have the power to make recommendations to the President and the Congress and to issue annual reports in the form of a national report card. Nine voting members and three ex officio non-voting members were proposed. The council's mandate would include: (1) compiling and analyzing existing information about educational achievement of students and schools in public and private education; (2) developing, monitoring, and reporting progress on a comprehensive set of attainable national educational goals; and (3) identifying gaps in existing data. An interim report should recommend goals to be achieved before the year 2000. The first report card would be due in 2 years, and annual reports would follow. Administrative provisions are described. The Bill was referred to the Committee on Labor and Human Relations. (SLD)

ED 328 613 TM 016 145
McCurdy, Jack, Ed. Speich, Don
 Testing.
 Report No.—ISSN-0013-1571
 Pub Date—7 Jan 91
 Note—10p.

Available from—Education USA, 1501 Lee Highway, Suite 201, Arlington, VA 22209 (\$3.00 each prepaid with a minimum order of 5 copies).
 Journal Cit—Education USA; v33 n19 spec iss Jan 91

Pub Type—Collected Works - Serials (022)
EDRS Price - MF01/PC01 Plus Postage.
Descriptors—Basic Skills, Economic Factors, Educational Change, *Educational Trends, Elementary Secondary Education, Multiple Choice Tests, Performance Tests, Politics of Education, School Districts, School Restructuring, *Standardized Tests, State Action, Testing Problems, *Test Use
 Seven short articles on the use of standardized tests in the United States are presented. Topics include: (1) the effects on school restructuring during the 1990's of the backlash against standardized tests; (2) the movement to replace multiple-choice standardized testing and its relationship with curricular goals; (3) the influence of standardized tests on the movement away from emphasis on higher-order skills and toward basic skills; (4) the history of standardized testing; (5) political and economic factors of standard testing versus "authentic testing"; (6) efforts in California, Connecticut, and Michigan to move away from standardized testing; and (7) experimentation by school districts in the area of performance-based assessments. A 12-item bibliography of recommended reading materials is appended. (TJH)

ED 328 614 TM 016 147
Bangerdt-Downs, Robert L. Bankert, Esther
 Meta-Analysis of Effects of Explicit Instruction for Critical Thinking.

Pub Date—Apr 90
 Note—12p; Paper presented at the Annual Meeting of the American Educational Research Association (Boston, MA, April 16-20, 1990).

Pub Type—Reports - Research (143) — Speeches / Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Comparative Analysis, *Critical Thinking, Educational Research, *Effect Size, Elementary Secondary Education, Higher Education, *Instructional Effectiveness, *Meta Analysis, Time Factors (Learning)

Identifiers—*External Validity, Intensive Courses, *Internal Validity

Study effect meta-analysis was used to synthesize the results of explicit instruction on critical thinking (CT). The approach involved the collection of 250 studies (books, articles, dissertations, and abstracts) from the ERIC database and "Dissertation Abstracts International", coding of the study features, calculation of effect sizes, and examination of relations between study features and effect sizes. To be included in the meta-analysis, studies had to compare the performance of two groups of students on some measure of CT. One group received explicit instruction to improve CT, while the other group did not. Each study was coded for its characteristics within three categories: publication history, methodological and setting features, and instructional features. Instructional variables were duration of instruction, subject matter of the course in which the instruction was given, and presentation of instruction via the teacher or some other medium. Programs that focused continuously on thinking skills

were distinguished from those that addressed such skills periodically. Programs that taught CT in a subject matter domain were distinguished from those that taught CT generally. Finally, the content of programs was coded as addressed to either internal or external consistency. A total of 20 studies, 19 of which were doctoral dissertations, were found to be suitable for the meta-analysis. Results consistently favored programs that used explicit instruction methods. Intensive programs, proved more effective than did programs providing only periodic training in CT. Length of treatment was unrelated to effectiveness. When the content of the CT instruction was internal validity, the average effect size was significantly lower than when both internal and external validity were emphasized. (TJH)

ED 328 615 TM 016 154
Ave, Eunice

National Higher Education Statistics: Fall 1990.
 Early Estimates. Survey Report.

National Center for Education Statistics (ED),
 Washington, DC.

Report No.—NCES-91-369
Pub Date—Dec 90

Note—18p; Data Series: DR-IPEDS-90/91-1.
 Text contains light print.

Available from—U.S. Department of Education, Office of Educational Research and Improvement, Information Services, Room 300, 555 New Jersey Ave., N.W., Washington, DC 20208-5641.

Pub Type—Numerical/Quantitative Data (110) — Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Age Groups, *Degrees (Academic), *Enrollment, Estimation (Mathematics), Higher Education, *Institutional Characteristics, *National Surveys, Population Trends, *School Statistics, *Sex Differences, Statistical Data

Identifiers—*Integrated Postsecondary Data System

Preliminary statistics on enrollment and degrees awarded for higher education in the United States are summarized. The data are based on responses from 639 institutions of higher education on the Early Estimates Panel, a stratified random sample that is representative of the universe of 3,598 institutions of higher education in the nation in the 1989-90 academic year. Selected data items from the Integrated Postsecondary Education Data System "Fall Enrollment" survey and "Completions" survey were requested via telephone from the Early Estimates Representative of each institution in the sample between mid-October and mid-November 1990. The data were edited in light of previous years' survey responses, where available. The overall response rate for the 1990 "Early Estimates" survey was 99%. In 1990, fall enrollment in colleges and universities increased 3.4% over that for 1989. Total awards of associate and higher degrees rose about 2.7% in the 1989-90 academic year. Women accounted for almost all of the increase nationally. The nine tables presented show the following statistics, mostly by sex: (1) enrollment by attendance status, attendance level of student, and level and control of institution, for the fall of 1989 and 1990; (2) degrees conferred by control of institution and/or level of degree from 1969-70 to 1989-90; and (3) college-age population by age group from 1970 to 1990. (TJH)

ED 328 616 TM 016 155
 The Exit Exam.

South Carolina State Dept. of Education, Columbia.
 Div. of Public Accountability.

Pub Date—Sep 90
 Note—6p.

Journal Cit—Perspectives on South Carolina Educational Reform; v1 n1 Sep 1990

Pub Type—Collected Works - Serials (022) — Reports - Evaluative (142)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Grade 10, Grade 11, Grade 12, *Graduation Requirements, High Schools, *High School Students, Mastery Tests, Mathematics Tests, Minimum Competency Testing, Pilot Projects, Public Opinion, Reading Tests, *Standardized Tests, *State Programs, Student Attitudes, *Testing Programs, Writing Tests

Identifiers—*Exit Examinations, Retesting, *South Carolina Basic Skills Assessment Program

A major provision of the South Carolina Education Improvement Act of 1984 established the requirement for a high school exit examination (HSEE) for all 10th-grade students. Passage of the HSEE is a condition for the receipt of a state high

school diploma. The HSEE is an outgrowth of the South Carolina Basic Skills Assessment Program, which mandated a state testing program to assess student mastery of mathematics, reading, and writing skills. The HSEE, which consists of three subtests (reading, writing, and mathematics), was pilot tested twice between 1985 and 1987. Tenth, 11th, and 12th graders and adult education students administered the HSEE in the spring of each year. It is also administered each fall to all 12th graders and adult education students who have not passed one or more sections of the exam. Currently, 10th-grade students who fail any subtest must retake the subtest during the 11th grade and, if necessary, twice during the 12th grade. Students are allowed four attempts to pass all three subtests. For the class of 1990, 63% of the 40,399 10th graders who took the HSEE passed all three portions on their first attempt. By the end of the fourth administration, 1,999 students had still not passed the HSEE. In addition to other non-diploma options, remedial education is offered to those students who do not pass the exam. The cumulative passing rate of 94.5% for the class of 1990 exceeded the estimated cumulative passing rate for the pilot-test class of 1989, which was 85.9%. Surveys of students and the public indicate that students are properly informed of the testing requirements, and students and the public generally agree that the such an exam is appropriate. (TJH)

ED 328 617 TM 016 156
Bobbitt, Sharon A. Johnson, Frank H.

Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91.

Early Estimates. Survey Report.

National Center for Education Statistics (ED),
 Washington, DC.

Report No.—NCES-91-076
Pub Date—Dec 90

Note—27p; Data Series: DR-CCD/SAS-90/91-1.

Pub Type—Numerical/Quantitative Data (110) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Comparative Analysis, Educational Trends, Elementary School Students, Elementary School Teachers, Elementary Secondary Education, *Enrollment Projections, Estimation (Mathematics), High School Graduates, *National Surveys, *Private Schools, *Public Schools, *School Statistics, School Surveys, Secondary School Students, Secondary School Teachers, State Norms, Teacher Student Ratio

Identifiers—Common Core of Data Program, Private School Survey 1980

Estimated statistics on enrollment, high school graduates, teaching staff, and finances are summarized for public and private elementary schools and secondary schools in the United States. Data are shown for the 1990-91 school year, with annual trend data covering various years from 1986 through 1990. The data are generated by the Early Estimates System of the National Center for Education Statistics (NCES). The source of statistical information about public schools is the Common Core of Data collected annually from state education agencies. These data are collected in March, undergo NCES and state editing, and are available for publication in September. The source of statistical information about private schools is the Private School Survey. Data are presented in 13 tables showing enrollment, numbers of teachers, student/teacher ratios, high school graduates, and revenues and expenditures, by school level, religious orientation, and/or state. Over 41 million students attended public schools and 5.2 million students attended private schools in the 1990-91 school year. Private school membership in grades K-12 has remained fairly constant in recent years. The following statistics are noted for the 1990-91 school year: since 1987, student enrollment in public education increased by over 1 million; there were an estimated 2.7 million teachers in public and private schools; student-to-teacher ratios for kindergarten through grade 12 were 17.2/1 for public and 14.7/1 for private schools; and, an estimated 2.5 million students expected to graduate from high school. Technical notes, including a table showing selected standard errors for private school early estimates, are included. (TJH)

ED 328 618 TM 016 157
Kaufman, Phillip

The Relationship between Postsecondary and High School Course-Taking Patterns: The Prep-

ation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report, Contractor Report.

MPR Associates, Berkeley, CA.

Spons Agency—National Center for Education Statistics (ED), Washington, DC.

Report No.—NCE-91-343

Pub Date—Dec 90

Note—195p, Data Series: SP-HSB-80/86-4.

Pub Type—Numerical/Quantitative Data (110) —

Reports - Research (143)

EDRS Price - MF01/PC08 Plus Postage.

Descriptors—Black Students, *College Students, Comparative Analysis, Computer Science Education, *Course Selection (Students), Grade 10, High Schools, *High School Students, Hispanic Americans, Humanities Instruction, Mathematics Instruction, *National Surveys, Postsecondary Education, *Racial Differences, Science Instruction, *Sex Differences, Vocational Education, White Students

Identifiers—*High School and Beyond (NCES)

Patterns of courses completed by high school students versus courses completed by college and postsecondary vocational/technical students were examined. Data were from the High School and Beyond Study, including the 1982 high school transcript and 1987 postsecondary transcripts for 1980 high school sophomores. Students who graduated from high school in the spring of 1982 and enrolled in postsecondary education by 1984 were included in the sample. Mathematics, science, computer science, humanities, and vocational courses were the focus of the study. Generally, the types of courses students took in high school corresponded to the types of courses they took in postsecondary education. More specifically, the results indicate that: (1) female students had less intensive high school mathematics preparation than did male students; (2) Black and Hispanic students completed high school mathematics and science courses at relatively low rates; (3) most students in 4-year institutions who completed a substantial number of science courses also had taken a substantial number of advanced science courses while in high school; (4) most postsecondary students took substantial amounts of advanced humanities in high school; (5) while some students who completed a substantial number of postsecondary courses had intensive vocational training in high school, most did not. Twenty-four tables and 19 graphs illustrate the study. Appendices include an overview of the study methodology, technical notes, and 46 tables. (TJH)

ED 328 619 TM 016 158

Braver, Sanford L. Sheets, Virgil L.

Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study.

Pub Date—Aug 90

Note—35p. Paper presented at the Annual Meeting of the American Psychological Association (98th, Boston, MA, August 10-14, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Analysis of Variance, *Hypothesis Testing, Mathematical Models, *Monte Carlo Methods, *Regression (Statistics), Research Design, *Statistical Significance

Identifiers—*Monotonicity Analysis, Nonlinear Models, Ordinal Hypotheses, *Power (Statistics), Type I Errors, Type II Errors

Numerous designs using analysis of variance (ANOVA) to test ordinal hypotheses were assessed using a Monte Carlo simulation. Each statistic was computed on each of over 10,000 random samples drawn from a variety of population conditions. The number of groups, population variance, and patterns of population means were varied. In the non-null patterns, the power of the alpha-corrected tests was extremely low. Extremely low power was also evident for both the uncorrected and the no significance test for ordering technique. The linear trend test exhibited the highest power in almost every fully monotonic circumstance. The tau and monotonic trend tests also had high power in most fully monotonic population means instances, but they varied as to which was more powerful. Of the tests for disconfirmations of monotonicity, the curvilinearity test for detecting inversions or ties was too often significant in monotonic but non-linear cases. Combined tests were preferred when they had high acceptance values (power) for the fully monotonic cases, but low acceptance values when disconfirmations were present. Ultimately, the choice of technique comes down to the balance between power

when the ordinal hypothesis is correct versus spurious acceptance of the ordinal hypothesis when it is slightly in error. Sweep tests, particularly the linear trend test, have the needed power, but lack the ability to alone detect disconfirmations of monotonicity. The tests of disconfirmation that were evaluated showed far too many false positives to warrant wide acceptance. Six data tables are included, and the Statistical Analysis System program used to run the Monte Carlo study and the program used to calculate taus are outlined. (TJH)

ED 328 620 TM 016 161

Fetterman, David M., Ed. Pitman, Mary Anne, Ed. Educational Evaluation: Ethnography in Theory, Practice, and Politics.

Report No.—ISBN-0-8039-2571-9

Pub Date—86

Note—234p.

Available from—Sage Publications/Corwin Press, 2455 Teller Rd., Newbury Park, CA 91320 (\$29.95—hardcover).

Pub Type—Books (010) — Collected Works - General (020)

Document Not Available from EDRS.

Descriptors—Bilingual Education Programs, Black Students, Case Studies, Early Childhood Education, *Educational Assessment, Educational Theories, Elementary Secondary Education, *Ethnography, Evaluators, Experimental Teaching, Foreign Countries, *Politics of Education, *Research Methodology, School Districts, Sociocultural Patterns, *Theory Practice Relationship, Truancy

Identifiers—Zaire

Ten essays on the use of ethnography in educational assessment are presented. Overview essays include: (1) "Beyond the Status Quo in Ethnographic Educational Evaluation" (David M. Fetterman) and (2) "The Ethnographic Evaluator" (David M. Fetterman). Theoretical papers include: (3) "Theory in Education Evaluation: Or, What's Wrong with Generic-Brand Anthropology" (Elaine L. Simon); (4) "The Use of Explicit Anthropological Theory in Educational Evaluation: A Case Study" (Mary Anne Pitman and Marion Lundy Dobbert); and (5) "Attrition in Zairian Secondary Schools: Ethnographic Evaluation and Sociocultural Systems" (John D. Studstill). Practical papers include: (6) "Combining Ethnographic and Experimental Methods in Educational Evaluation: A Case Study" (Joseph Maxwell and others) and (7) "Qualitative Methodology in the Evaluation of Early Childhood Bilingual Curriculum Models" (Ray A. Chesterfield). Political considerations are addressed in the following papers: (8) "Use of Ethnographic Techniques for Evaluation in a Large School District: The Vanguard Case" (Barbara G. Ferrell and Donald W. Compton); and (9) "Posin to be Chosen: An Ethnographic Study of In-School Truancy" (Richard A. Marotto). The concluding paper is: (10) "The Evolution of a Discipline" (David M. Fetterman). (TJH)

ED 328 621 TM 016 173

Sireci, Stephen G. And Others

Applying Empirical Analyses to the Evaluation of Test Content.

Pub Date—Nov 90

Note—44p. Paper presented at the Annual Meeting of the Northeastern Educational Research Association (Ellenville, NY, November 1, 1990).

Pub Type—Reports - Research (143) — Speeches/Meeting Papers (150)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Cluster Analysis, *Content Analysis, Content Validity, Evaluators, *Interrater Reliability, Item Response Theory, Mathematical Models, *Multidimensional Scaling, Multiple Choice Tests, *Test Content

Identifiers—*Dimensional Analysis, Empirical Analysis, Experts, *Similarity Ratings

Although some researchers have argued against use of the term "content validity," the ability of a test item to adequately represent the domain of knowledge tested continues to be an issue of paramount importance in test construction. The present paper reviews previous analyses of test content and proposes a new empirical method for evaluating the content representativeness of a test. The proposed empirical method evaluates the content of a test by determining if similarity ratings of expert judges reflect the content structure specified in the test blueprint. Three expert judges rated the similarity of items on a 30-item multiple-choice test of study skills. The test was designed to assess the knowledge

acquired by students at the end of a five-session study skills course. The test blueprint specified six content areas: study habits, time management, classroom learning, textbook learning, preparing for taking examinations, and taking examinations. The similarity data were used in a multidimensional scaling procedure to determine the dimensionality of the data. A subsequent cluster analysis was performed to determine whether the item clusters corresponded to the arrangement of items in the test blueprint. The results indicate a strong correspondence between the similarity data and the arrangement of items in the original test blueprint. Advantages of using item similarity data as an alternative to item response data are provided. Five data tables and six figures are included. A 29-item list of references is provided. (Author/TJH)

ED 328 622 TM 016 174

Hanford, George H.

Life with the SAT: Assessing Our Young People and Our Times.

College Board, New York, NY.

Report No.—ISBN-0-87447-398-5

Pub Date—91

Note—224p.

Available from—College Board Publications, Box 886, New York, NY 10101 (\$17.95 paperback and \$27.95 hardcover—ISBN-0-87447-404-3; \$2.95 handling).

Pub Type—Books (010) — Information Analyses (070)

Document Not Available from EDRS.

Descriptors—Athletics, Books, *College Entrance Examinations, *Educational Trends, Females, Higher Education, High Schools, High School Students, *History, Mass Media Role, Minority Groups, Politics of Education, Public Officials, Testing Problems, *Test Use

Identifiers—College Entrance Examination Board, *Scholastic Aptitude Test

The history and nature of the Scholastic Aptitude Test (SAT) and issues that continue to be raised in the context of its use are discussed by a former president of the College Entrance Examination Board. This book provides insights into the changing role of college admissions testing since World War II; and considers the role of the SAT in relation to such diverse circumstances as the GI Bill, the Baby Boom, and the Civil Rights Movement. Topics addressed include: (1) the history of the SAT; (2) the origin of the SAT and its place in the testing world; (3) the nature of the SAT; (4) the decline of SAT scores in the 1960's and 1970's and the Educational Equality Project; (5) minorities and the SAT; (6) athletes and women; (7) politicians, public servants, and the media; (8) international perspectives; and (9) the development and nature of the College Board. More specifically, national manpower problems and international affairs, civil rights and intercollegiate athletics, television and the press, politics and bureaucracies, demographics and individuals, the science of psychometrics and the technology of testing, and education and attending college in the United States are considered. (TJH)

ED 328 623 TM 016 175

Pennock-Roman, Maria

Test Validity and Language Background: A Study of Hispanic American Students at Six Universities.

College Board, New York, NY.

Report No.—ISBN-0-87447-358-6

Pub Date—90

Note—197p.

Available from—College Board Publications, Box 886, New York, NY 10101-0886 (\$16.95; \$2.95 handling).

Pub Type—Reports - Research (143) — Tests/Questionnaires (160)

Document Not Available from EDRS.

Descriptors—Background, Class Rank, College Entrance Examinations, *College Students, English (Second Language), Higher Education, High Schools, *Hispanic Americans, *Language Proficiency, Multiple Regression Analysis, *Predictive Validity, Racial Differences, Student Characteristics, *Student Records, Test Results, *Test Validity, Universities, White Students

Identifiers—*Scholastic Aptitude Test

Six American universities were studied to assess the predictive validity of Scholastic Aptitude Test (SAT) scores and other admissions data and of student language background relative to college grades for Hispanic students. Sample sizes at the universities ranged from 76 to 686 for Hispanic subjects and

from 924 to 4,919 for White students. The universities included three institutions (two in California and one in Texas) with Hispanic students of predominantly Mexican American extraction, one institution in Florida with a majority of Cuban American students among the Hispanic sample, and two institutions (one in Massachusetts and one in New York) with a majority of Puerto Rican students among their Hispanic samples. Data sources included: (1) College Board's Admissions Testing Program/Validity Study Service files; student records on freshman grades and, sometimes, high school grades, standardized high school rank, and/or college major; and (3) student responses to two special surveys on language background for Hispanic subjects. Results of multiple regression analysis show no evidence of lower accuracy of prediction for Hispanic students either for the tests alone or in combination with other variables. In examining the relationship between language background and predictor variables, it appears that SAT verbal scores correlated moderately with English proficiency, but SAT math scores were less correlated with English proficiency. The results support the use of SAT scores in combination with the high school record for evaluation of Hispanic American students in admissions to moderately and highly selective institutions. The accuracy of prediction varies by institution, but differences between ethnic groups at the same institution are small. Additional methodological notes and questionnaires and communications with the students are appended. (TJH)

UD

ED 328 624 UD 027 532

Berry, Gordon LaVern, Ed. Asamen, Joy Keiko, Ed.

Black Students: Psychosocial Issues and Academic Achievement.

Report No.—ISBN-0-8039-3665-6

Pub Date—89

Note—322p.

Available from—Sage Publications, 2111 West Hillcrest Drive, Newbury Park, California 91320 (ISBN-0-8039-3664-8, hardcover, \$36.00; ISBN-0-8039-3665-6, softcover, \$17.95).

Pub Type—Collected Works - General (020) — Reports - Research (143) — Books (010)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Academic Achievement, *Black Education, Black Students, *Cultural Influences, Elementary Secondary Education, Environmental Influences, *Family Influence, Higher Education, Preschool Education, *Psychological Patterns, *Racial Factors, *Social Influences, Urban Environment

Identifiers—*Afro Americans

This collection examines the history and current status of the economic, political, social, and psychological factors that influence the academic achievement of low-income African Americans. The introduction, "Afro-American Students and Academic Achievement" (J. K. Asamen), outlines the historical development of black education and previews the studies included. The following chapters examine social and psychological factors: (1) "Prenatal and Postnatal Influences on Cognitive Development" (K. Sanders-Phillips); (2) "Motivation in Afro-Americans" (S. Graham); (3) "Defining Self-Concept as a Dimension of Academic Achievement for Inner-City Youth" (G. J. Powell); and (4) "The School Learning Environment and Academic Success" (J. Hale-Benson). The following chapters examine family and community factors: (5) "Inner-City Social Dislocations and School Outcomes: A Structural Interpretation" (R. A. Mickelson and S. S. Smith); (6) "The Community and Academic Achievement" (W. D. Parham and T. A. Parham); (7) "The Black Family and Academic Achievement" (L. E. Jenkins); and (8) "Academic Success and the School Dropout: A Minority Perspective" (R. Tidwell). The following chapters examine personal adjustment and programmatic factors in higher education: (9) "Race Consciousness Among African-American College Students" (M. L. Hall and W. R. Allen); (10) "Stress, Well-Being, and Academic Achievement in College" (S. L. Frillerman, H. F. Myers, and B. D. Smedley); and (11) "What Would We Do if We Really Loved the Students?" (E. Anderson). The following chapters examine psychological interventions and educational leadership

strategies: (12) "Critical Leadership Mandates in Mainly Black Schools: Implications for School Performance and Achievement" (H. J. Scott); (13) "The School Development Program: A Psychosocial Model of School Intervention" (J. P. Comer); and (14) "Afro-Americans and Academic Achievement: Pathways to Excellence" (G. L. Berry). In the epilogue, "Unity in Diversity: Thirty-Three Years of Stress," C. M. Pierce discusses how race has influenced his professional accomplishments and status. Each study includes a list of references. (FMW)

ED 328 625 UD 027 672

Vernex, Georges McCarthy, Kevin

Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.

Rand Corp., Santa Monica, Calif.

Spons Agency—Ford Foundation, New York, N.Y.

Report No.—RAND-N-3052-FF

Pub Date—Jun 90

Contract—880-0437

Note—92p.

Available from—The Rand Corporation, 1700 Main Street, P.O. Box 2138, Santa Monica, CA 90406-2138.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Business Cycles, *Economic Factors, Federal Legislation, *Immigrants, *Labor Needs, *Policy Formation, Public Policy

Identifiers—*Immigration Law

Immigration has historically played an important role in supplying United States labor needs. However, current immigration and immigrant policies emphasize noneconomic selection criteria, such as family reunification, for determining the annual volume and characteristics of legal immigrants. Declining United States fertility rates and an increasing need for professional and skilled labor has prompted policymakers to consider changes in immigrant policies that would respond to the labor market needs of the economy. A greater emphasis on labor market considerations could meet changing demands for labor, minimize negative distributional effects, and speed up the economic and social adjustment of immigrants and their children. However, the following major factors must be considered in developing effective policies: (1) policies must be flexible in order to respond to rapidly changing labor market conditions; (2) policymakers need an informed basis for developing selection criteria that will ensure a match between immigration and manpower needs while avoiding short-term displacement of native workers; and (3) the absence of good information continues to make policy design and evaluation problematic. Statistical data are presented in eight tables and six graphs. An 81-item bibliography is appended. (FMW)

ED 328 626 UD 027 741

Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition.

New York City Board of Education, N.Y.

Pub Date—1 Sep 90

Note—75p.

Pub Type—Reference Materials - Directories/Catalogs (132) — Reports - Descriptive (141)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Demonstration Programs, *Educational Innovation, Elementary Secondary Education, Networks, *Teacher Developed Materials, Urban Schools

Identifiers—*IMPACT II, *New York City Board of Education

This catalog is a collection of profiles describing 50 exemplary programs developed by teachers in New York City schools. The profiles are arranged by subject area and subdivided by grade level, which ranges from kindergarten through grade nine. Each profile includes the following information: (1) a brief program description; (2) staffing; (3) materials and facilities; (4) outside resources; (5) the overall value of the program; and (6) the addresses and telephone numbers of contact persons. The following subject areas are included: (1) the arts; (2) communication arts; (3) computer education; (4) English as a second language (ESL)/foreign languages; (5) health education; (6) mathematics; (7) physical education; (8) science; and (9) social studies. Users are encouraged to contact the developers directly. Those interested in adapting one of the programs are eligible to apply for a \$200 grant. School visits and workshops are also available. (FMW)

ED 328 627

UD 027 744

Sney-Richman, Barbara

Teacher Expectations and Low-Achieving Students.

Research for Better Schools, Inc., Philadelphia, Pa. Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—89

Note—47p.

Pub Type—Information Analyses (070) — Reports

- Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Educational Improvement, Elementary Secondary Education, *Low Achievement, Program Descriptions, School Effectiveness, *Student Motivation, Teacher Attitudes, Teacher Effectiveness, *Teacher Expectations of Students, *Teacher Influence, *Teacher Student Relationship

Research on teacher and school effectiveness indicates that higher expectations for student achievement are part of a pattern of differential attitudes, beliefs, and behaviors characterizing teachers and schools that are effective in maximizing their students' learning gains. This resource document reviews research that indicates how differential treatment by teachers may negatively affect the behavior and learning of students for whom there are low expectations. The effect of negative teacher behaviors is that low-expectation students are given fewer opportunities to interact and participate in classroom activities, and as a result make less effort to get the teacher's attention, gradually withdrawing psychologically from learning in the classroom setting. Teacher expectations seem to be an especially powerful variable for elementary school students, whereas secondary and postsecondary students tend to rely to a greater extent on self-evaluation and a wider range of significant others to provide them with feedback, support, and encouragement to continue learning when faced with failure. Appropriate teacher expectations must ultimately be based on objective, ongoing evaluation of student performance. The document presents recommendations and sample strategies for addressing differential treatment of low-expectation students. Descriptions of five sample programs and a list of 44 references are included. (AF)

ED 328 628 UD 027 780

A Plan To Educate Nevada's Homeless Youth.

Nevada Univ., Reno. Research and Educational Planning Center.

Spons Agency—Nevada State Dept. of Education, Carson City.

Pub Date—23 Jan 89

Note—47p.

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Access to Education, *Disadvantaged Youth, Educational Legislation, Elementary Secondary Education, Federal Legislation, Federal Programs, *Homeless People, Program Administration, *Program Implementation, Social Services, State Federal Aid, State Programs, *Student Needs, Student Problems, Student Welfare

Identifiers—*Nevada, *Stewart B McKinney Homeless Assistance Act 1987

This plan was developed to serve the educational needs of Nevada's homeless youth, in accordance with requirements of the Stewart B. McKinney Homeless Assistance Act of 1987. The plan presents a number of options for the consideration of individual districts and their respective social service personnel, depending on the size and specific needs of the district. The publication contains 12 sections. The first section reports findings on the numbers and location of homeless youth in the state. The second section describes a proposed homeless youth education regulation. The third section deals with the state intake and referral process. The fourth section discusses and presents recommendations for the removal of barriers to education. The fifth section details counseling/instructional methodology. The sixth section discusses follow-up procedures. The seventh section describes outreach and training activities. The eighth section presents a training agenda for 1989-90. The ninth section describes the evaluation process, which included local committee meetings and phone surveys. The tenth section, appendix A, is a form helpful in setting up a homeless resource list. The eleventh section, appendix B, presents an interagency model

that includes referral procedures, procedures for school enrollment, and counseling and instructional methodology. The twelfth section, appendix C, contains referral/intake/procedure forms. (AF)

ED 328 629 UD 027 796

Collins, Marva Tamarkin, Civa
Marva Collins' Way, Second Edition.
Report No.—ISBN-0-87477-572-8
Pub Date—90
Note—248p.
Available from—Jeremy P. Tarcher, Inc., 5858 Wilshire Blvd., Suite 200, Los Angeles, CA 90036.
Pub Type—Books (010) — Reports - Descriptive (141)

Document Not Available from EDRS.

Descriptors—Biographies, Educational Improvement, Elementary Education, *Elementary School Teachers, Excellence in Education, High Risk Students, Inner City, *Instructional Effectiveness, Low Achievement, Minority Group Children, *Nontraditional Education, Self Esteem, *Student Motivation, Teaching (Occupation), *Teaching Methods, *Teaching Styles, Urban Education

Identifiers—*Collins (Marva), Illinois (Chicago), Westside Preparatory School IL

This book describes the innovative teaching style and methods of Marva Collins, the founder and principal of the Westside Preparatory School in Chicago (Illinois). The book traces Collins's career at Calhoun South and Delano Elementary Schools and the development of her distinctive approach, which involves teaching the total child, developing the child's character, and helping to build a positive self-image. While Collins's unorthodox teaching techniques elicited negative reactions from mainstream teachers and administrators, they earned the enthusiastic and growing support of parents and the community. This recognition led to her selection as director of a new private elementary school in the Garfield Park area of Chicago, sponsored by a local community college and the Chicago-based Alternative Schools Network. The book describes Collins's role in developing the Westside Preparatory School from an initial class of four students to an enrollment of 200 and in securing permanent facilities for the school. Numerous scenes are presented illustrating Marva Collins's commitment to engaging and challenging all of her students in the classroom. The following sections are appended: (1) questions from parents; (2) questions from teachers; (3) recommended phonics books; (4) a reading list for children ages 4-6; and (5) a reading list for the Westside Preparatory School. (AF)

ED 328 630 UD 027 802

Archer, Elaine And Others
Partnerships for Learning: School Completion and Employment Preparation in the High School Academies.

Academy for Educational Development, Inc., New York, N.Y.

Spons Agency—Edna McConnell Clark Foundation, New York, N.Y.

Report No.—ISBN-2-89492-006-9
Pub Date—89

Note—61p.
Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—Cooperative Programs, *Dropout Prevention, Dropout Programs, *Economically Disadvantaged, High Schools, High School Students, National Surveys, Program Evaluation, Program Implementation, *School Business Relationship, Secondary Education, *Vocational Education

Identifiers—*High School Academies, *Partnerships in Education, Replication

High school academies are three-year schools-within-schools offering economically disadvantaged students an integrated academic-vocational education, career development and enrichment activities, and nonacademic supports and employment opportunities. The academies represent a many-faceted approach to linking business and industry with schools, involving a successful combination of school-based changes and outside interventions that is sustained over time. Evaluation of programs in Philadelphia (Pennsylvania), California, Portland (Oregon), and Pittsburgh (Pennsylvania) found that the chief considerations for program success are site selection, industry focus, and lead time for program development. The experience of newer academies indicates that attention to the following features during replication is also critical: (1) strict adher-

ence to the academy model; (2) a defined student selection process; (3) an integrated academic-technical program; (4) strong private sector support; (5) a strong career planning component; (6) a full range of student support services; (7) a high degree of commitment from the school district; and (8) identifiable space dedicated solely to the academy. Technical assistance in organization, curriculum development, private sector involvement, and public relations is strongly recommended. The following materials are appended: (1) a 16-item bibliography; (2) a list of essential replication tasks; (3) a directory of academy contact people; and (4) a list of the academies. (FMW)

ED 328 631 UD 027 830

Hepburn, Lawrence R. White, Rudolph A.
School Dropouts: A Two-Generation Problem.
Public Policy Research Series.

Georgia Univ., Athens. Carl Vinson Inst. of Government.

Report No.—ISBN-0-89854-143-3
Pub Date—90

Note—36p.; Series Editor Richard W. Campbell.
Available from—Carl Vinson Institute of Government, University of Georgia, Terrell Hall, Athens, GA 30602 (\$5.00 per copy).

Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—Census Figures, *College Attendance, *Dropout Characteristics, *Dropout Rate, Dropout Rates, Dropouts, Educational Attainment, Ethnicity, Higher Education, *High School Graduates, High Schools, Parent Background, Path Analysis, Policy Formation, Racial Factors, Socioeconomic Status, State Surveys

Identifiers—*Georgia, *Policy Implications

This study uses statistical data from the Current Population Survey to develop new state-by-state dropout estimates as an alternative to those published by the U.S. Department of Education (USDE). The following new findings are reported: (1) youth are completing high school at a higher rate than previously noted; (2) variations in dropout rates among states are not as great as previously suggested; (3) variations in state dropout rates are related to low parental education and racial/ethnic factors; (4) state labor forces have higher high school completion rates than have been implied in previously published dropout rates; and (5) the states' dropout rates and college participation rates are generally associated. The following findings about Georgia's dropouts are reported: (1) from 1980 to 1987, the percentage of Georgians completing high school increased from 56.4 percent to 71.2 percent and the national rate increased from 66.5 percent to 75.6 percent; (2) in 1986 and 1987, Georgia's dropout rate was 18.3 percent and the national rate was 13 percent; (3) in 1986 and 1987, 79.7 percent of Georgia's labor force had completed four years of high school and the national average was 83 percent; (4) in 1986 and 1987, 40.3 percent of Georgians aged 18 to 24 years participated in higher education and the national average was 42.2 percent; and (5) dropout rates and college participation rates are generally associated and both are products of sociocultural factors, but nonresident enrollment influences college participation rates. Recommendations for state dropout prevention policies are made. Statistical data are presented in five tables and three graphs. A list of 45 references and 3 tables of statistical data to accompany the path analysis are appended. (FMW)

ED 328 632 UD 027 869

Gamoran, Adam
The Variable Effects of Tracking: Inequality and Productivity in American High Schools.

National Center on Effective Secondary Schools, Madison, WI.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—Oct 90
Contract—OERI-G-008690007-90

Note—40p.
Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Ability Grouping, *Academic Achievement, *Catholic Schools, *High Schools, National Surveys, *Public Schools, *Track System (Education)

Identifiers—*Hierarchical Linear Modeling, High School and Beyond (NCES)

The effects of tracking on high school students' academic achievement are not constant across

schools. This study examines the relationship of the following organizational dimensions of tracking systems on the variation in between-track inequality and productivity: (1) selectivity; (2) electivity; (3) inclusiveness; and (4) scope. "Inequality" refers to the "achievement gap" between tracks; "productivity" refers to the average achievement of each school. In addition, differences between public and Catholic schools are examined. Statistical data from the High School and Beyond survey were analyzed for 28,804 students in 964 public and Catholic high schools. The following findings are reported: (1) more flexible systems produce lower inequality in mathematics, reading, and vocabulary achievement; (2) moderately inclusive systems also produce lower inequality in mathematics achievement; (3) flexibility and inclusiveness have a positive effect on overall achievement; (4) elective systems produce higher achievement; and (5) Catholic schools have lower inequality and higher productivity than public schools, due in part to the way they use tracking. A list of 59 references and 5 tables of statistical data are appended. (FMW)

ED 328 633 UD 027 872

The Challenge of Education: No Time to Waste, No Room for Failure.

Cuban American National Council, Inc.

Spons Agency—Ford Foundation, New York, N.Y.

Pub Date—90

Note—31p.; Based on oral presentations made at the National Conference of the Cuban American National Council (5th, Miami, FL, January 24-26, 1990).

Available from—Cuban American National Council, 300 S.W. Twelfth Avenue, 3rd Floor, Miami, FL 33130-2038 (\$3.00).

Pub Type—Opinion Papers (120) — Reports - General (140) — Collected Works - Proceedings (021)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Accountability, Dropout Prevention, *Educational Change, Educational Improvement, *Education Work Relationship, Elementary Secondary Education, Equal Education, High Risk Students, *Hispanic Americans, *Labor Force Development, Minority Groups, *Parent Participation, School Effectiveness, Teacher Expectations of Students, Values Education

Identifiers—*Business Role, Cultural Sensitivity, Hispanic American Students

This paper summarizes issues and perspectives that form the basis of current educational debate. The paper contends that early in the 21st century, Hispanics and other minorities will constitute the majority of the work force in major markets across the nation. The lack of preparedness of over half the potential pool of minority workers will have a profound negative impact on the U.S. economy. The paper sketches and notes the disadvantages of three potential strategies: (1) expensive retraining of workers; (2) reformulation of jobs so that they require low skill attainment and pay sub-living wages; and (3) automation or the seeking of skilled workers from abroad. The paper summarizes major themes of the education reform movement and presents the following broad policy recommendations: (1) business leaders must play a more powerful role in the national education debate; (2) strong parent involvement in school-based activities and in supporting education at home must be vigorously promoted; (3) accountability and national standards must be set and upheld; (4) the dependency of the U.S. retirement system on the contributions of minority workers must be publicized; and (5) a balance must be struck between reforms that require increased revenues and those that require behavioral and organizational change. Two appendixes are included. (AF)

ED 328 634 UD 027 876

Houston, Ronald L.
The Education of Minority Students in Non-Urban Schools.

Research for Better Schools, Inc., Philadelphia, Pa.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—88

Note—29p.

Available from—Research for Better Schools, 444 North Third Street, Philadelphia, PA 19123 (\$5.95).

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Black Students, Cultural Differences, Elementary Second-

ary Education, Ethnic Groups, Hispanic Americans, Middle Class Culture, *Minority Group Children, *Racial Differences, *Rural Schools, Rural Urban Differences, *Student Characteristics, *Suburban Schools, White Students

Analyses of standardized test scores reveal that nonurban schools are not meeting the educational needs of Black and Hispanic students. While individual nonurban schools may be superior to urban schools in preparing the majority of their students to perform well on state standardized tests, the standardized test scores of nonurban minority group students are significantly lower than those of nonurban White students. Minority group students in suburban and rural schools are similar to their urban counterparts in how they are influenced by cultural values, the way they develop self-esteem and locus of control, and the way they process information. However, nonurban minority group students, unlike their urban peers, encounter a school environment where the culture, values, and attitudes of most of their classmates and teachers may be radically different from their own. As a result, minority group students resist engagement in academic activities, attach less value to education than their White peers, and achieve academically at a lower rate than White students. Nonurban schools need to develop strategies that sensitize teachers to the cultural, psychological, and cognitive styles of minority group students and implement programs such as The Efficacy Committee, Higher Order Thinking Skills (HOTS), and Foundations for Learning. Statistical data are presented in three tables. A 53-item bibliography is appended. (FMW)

ED 328 635

UD 027 881

Weller, Kathleen
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series.

Report No.—ISBN-0-89789-128-7

Pub Date—88

Note—188p.

Available from—Bergin & Garvey Publishers, One Madison Ave., New York, NY 10010 (hardcover, ISBN-0-89789-127-9-\$29.95; paperback, ISBN-0-89789-128-7-\$12.95).

Pub Type—Books (010) — Reports - Research (143)

Document Not Available from EDRS.

Descriptors—*Critical Theory, Educational Discrimination, Educational Theories, Females, *Feminism, High Schools, Public Schools, *Secondary School Teachers, Sex Role, Social Class, *Women Administrators, *Women Faculty
Identifiers—Feminist Scholarship, Hegemony, Power

This study of feminist high school teachers investigates and analyzes individual action within the bounds of structural constraints. The book draws on feminist theory that has addressed the role of schools in reproducing the inequality and oppression of women. Chapter One, "Critical Educational Theory," examines the implications and value of production and reproduction theory and introduces some of the key concepts guiding this study. Chapter Two, "Feminist Analyses of Gender and Schooling," locates the study within the context of feminist approaches, including liberal, radical, and socialist feminism. Chapter Three, "Feminist Methodology," builds on the work of feminist theorists in the social sciences. Chapter Four, "The Dialectics of Gender in the Lives of Women Teachers," studies the influence of elements in women teachers' life experiences. Chapter Five, "The Struggle for a Critical Literacy," explores the beliefs and practices of teachers and administrators attempting to create a feminist counterhegemony. Chapter Six, "Gender, Race, and Class in the Feminist Classroom," examines the conflicts of power and meaning in classroom discourse and practice. Chapter Seven, "Conclusion," recapitulates the theme of the interplay between the power of institutions and the will of individuals. A 171-item bibliography is appended. (AF)

ED 328 636

UD 027 886

Perez-Selles, Maria E., Ed. And Others
Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture.

NETWORK, Inc., Andover, MA.; Regional Laboratory for Educational Improvement of the Northeast & Islands, Andover, MA.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Pub Date—90

R1E JUN 1991

Contract—400-86-0005

Note—140p.

Available from—The Regional Laboratory for Educational Improvement of the Northeast and Islands and New England Center for Equity Assistance, a Project of THE NETWORK, Inc., 300 Brickstone Square, Suite 900, Andover, MA 01810 (\$12.95 + \$2.50 shipping; order no. 9072).

Pub Type—Guides - Classroom - Teacher (052) — Collected Works - General (020)

EDRS Price - MF01/PC06 Plus Postage.

Descriptors—*Class Activities, *Cultural Background, Elementary Education, Folk Culture, Geography, Latin American History, *Learning Activities, *Lesson Plans, Migration, Multicultural Education, *Puerto Rican Culture, *Puerto Ricans, Symbolism

This collection of 35 self-contained teaching activities about Puerto Rican culture for elementary school students is designed for teachers who wish to incorporate multicultural concepts into their curriculum or make their teaching more relevant to Puerto Rican students. All lesson plans and student worksheets needed for immediate classroom use are included. Section I, "Here and There: Location and Migration," explores the geography, climate, and location of Puerto Rico as well as issues that surround why people move from place to place. Section II, "Puerto Rico: A Blend of Cultures," highlights some of the history of the island, from the indigenous Taino Indians to the arrival of the Spanish to stories of several heroes from diverse backgrounds. Section III, "An Island Rich in Tradition," looks at Puerto Rican symbols and traditions, including holidays and celebrations that are important elements of Puerto Rican culture. Each unit includes basic background information for users who are unfamiliar with Puerto Rican culture; lists the unit's activities; and also includes suggested grade levels, subject areas, and time requirements. A variety of teaching strategies are employed to meet the different learning styles of students. Some activities lend themselves especially well to the involvement of parents and community members. A chart relates each of the activities to the following major subject areas: (1) art; (2) language arts/English; (3) mathematics; (4) music; (5) science; and (6) social studies/geography. (FMW)

ED 328 637

UD 027 887

Johnson, Jeffery M. Watson, Betty Collier, Ed.

Stony the Road They Trod: The African American Male. Runta (Truth).

National Urban League, Inc., Washington, D.C. Research Dept.

Pub Date—Jun 90

Note—7p.

Journal Cit—National Urban League Research Department Fact Sheet; v3 n2 June 1990

Pub Type—Collected Works - Series (022) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Black Employment, Blacks, *Black Stereotypes, Educational Attainment, *Labeling (of Persons), *Males, Mortality Rate, Racial Discrimination, *Self Fulfilling Prophecies, Social Bias, *Social Problems

Identifiers—*African Americans

Stereotypes of the African American male in the popular media have imprinted a harsh and unflattering image in the public consciousness that has negatively affected the self-image of African Americans. Additionally, those stereotypes affect the decision making of employers, police officers, teachers, and other authority figures, resulting in a self-fulfilling prophecy. The following negative effects of the devaluation process are outlined: (1) African American males have a shorter life span than any other population group in America, due to a disproportionate vulnerability to disease and homicide; (2) structural changes in the labor market and racially discriminatory hiring practices create high unemployment among African American men, wide gaps between the earnings of African American and White men, and a disproportionate number of African American men living in poverty; (3) dysfunctional sociopsychological conditions include a large number of female-headed families, a lack of positive male role models, intraracial crime, and low levels of educational attainment; (4) the internalized negative self-image and the negative attitudes of authority figures result in the disproportionate involvement of African American males with the criminal justice system; and (5) the location of drug markets within African American communities results in an increase in violence and drug abuse.

Changing economic and demographic conditions may provide a "window of opportunity" for improvement, but African American males must improve their education and skills in order to participate in the future economy. A list of 13 references is appended. (FMW)

ED 328 638

UD 027 888

Jackson, Monica L. Watson, Betty Collier, Ed.

The African American Woman. Runta (Truth).

National Urban League, Inc., Washington, D.C. Research Dept.

Pub Date—May 89

Note—5p.

Journal Cit—National Urban League Research Department Fact Sheet; v2 n2 May 1989

Pub Type—Collected Works - Series (022) — Opinion Papers (120)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Birth Rate, Black Employment, Black Family, *Blacks, Black Stereotypes, Demography, *Females, *Individual Characteristics, *Outcomes of Education, *Racial Differences, *Socioeconomic Status, Whites

Identifiers—*African Americans

The African American woman has commanded widespread public attention, but popular misconceptions of her socioeconomic role and status differ sharply from her actual situation. The following basic characteristics of the contemporary African American woman, drawn from census figures, are outlined: (1) demographically, females comprise a majority of the African American population and they are a relatively young subgroup; (2) the fertility rate of African American women is decreasing, and while the fertility rate for African Americans in the 10-19 years old age range is triple that of their White counterparts, the White fertility rate is higher in the 25-34 years old age range; (3) almost two-thirds of African American women are presently married or have been married, almost 77 percent of married African American women have their husbands present, and about half of all African American families are female-headed; (4) although African American females have achieved significant advancement over the years, educational attainment remains disproportionately low compared to White females; and (5) high unemployment rates and employment in low-paying jobs continue to limit the well-being of African American women. As a group, African American females present a wide variation in socioeconomic status. While highly educated African American women earn higher wages than their White counterparts, the larger segment of African American women constitutes the poorest racial gender group in the nation. All African American women, regardless of socioeconomic status, must help develop a strong African American community. (FMW)

ED 328 639

UD 027 891

Latinos and the Dropout Crisis: The Community Solution.

ASPIRA Association, Inc., Washington, DC. National Office.

Spons Agency—Department of Education, Washington, DC.

Pub Date—90

Contract—S201D80010-89

Note—26p.

Available from—ASPIRA Association, Inc., 1112 Sixteenth St. N.W., Suite 340, Washington, DC 20036 (\$3.00).

Pub Type—Reports - Descriptive (141)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Advocacy, *Community Organizations, Community Programs, *Dropout Prevention, *Dropout Programs, *Dropout Research, High Schools, High School Students, *Hispanic Americans, Program Descriptions, *Urban Programs

Identifiers—*Aspira Inc, Latinos

ASPIRA is a community-based Hispanic American organization dedicated to improving the economic status of Hispanic Americans by reducing the high school dropout rate. ASPIRA uses the cultural, ethnic, and linguistic affinities of the Hispanic community to work with students through local clubs. The ASPIRA intervention process is based on awareness of community problems and needs; analysis of statistical data to identify causes, effects, and priorities; and action, including programs, services, and advocacy. Clubs composed of Hispanic American high school students offer students opportunities to develop leadership and academic skills in workshops, seminars, and discussion groups. The

following national programs are described: (1) the Hispanic Community Mobilization for Dropout Prevention Program is developing dropout prevention demonstration programs in nine cities; (2) the Public Policy Leadership Program provides leadership seminars and community and national internships; and (3) the National Health Careers Program encourages students to enter the medical, dental, and allied health fields. Conducting dropout research is a central feature of ASPIRA's program and an integral part of many projects. Advocacy is also a constant function of all ASPIRA offices. Statistical data are presented in four graphs. Lists of ASPIRA Associates' programs and key ASPIRA research studies are included. (FMW)

ED 328 640 UD 027 895

Kauffman, Thomas B. And Others

Chapter 1 Migrant Education Program: Final Report.

Houston Independent School District, TX. Dept. of Research and Evaluation.

Pub Date—7 Aug 90

Note—43p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Attendance, *Compensatory Education, *Counseling Services, Early Childhood Education, Elementary Secondary Education, Hispanic Americans, Limited English Speaking, *Migrant Education, Migrant Programs, Parent Participation, Program Evaluation, Program Implementation, Spanish Speaking, Student Behavior, *Tutorial Programs

Identifiers—*Education Consolidation Improvement Act Chapter 1, *Houston Independent School District TX

This report documents the implementation of the migrant education program funded under Chapter 1 of the Education Consolidation Improvement Act in the Houston (Texas) Independent School District and evaluates the program's impact on student achievement, grades, conduct, and attendance. The program offered assistance to eligible migrant children from early childhood levels through grade 12 to improve educational continuity for students who enroll in school late or withdraw early because their families travel to obtain agricultural or fishery work. Migrant education services include the following: (1) tutorial services from teacher aides; (2) counseling and family support services on a referral basis; and (3) invitations to parents to attend workshops that will show them how to become involved in the education of their children. The three specific tasks of this study were to: (1) report the number of migrant students identified; (2) document the activities of members of the staff who implement the components of the program; and (3) evaluate the effectiveness of the tutorial and counseling components via examination of the test scores, grades, attendance, and conduct of migrant students. Findings identify five areas in which resources were effectively used to meet program objectives and to indicate overall test score improvement in all subjects. Statistical data in 27 tables are included. (AF)

ED 328 641 UD 027 896

Ronacher, Karl And Others

Required Academic Proficiency (RAP) Program: Final Report.

Houston Independent School District, TX. Dept. of Research and Evaluation.

Pub Date—Jun 90

Note—32p.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, *Achievement Tests, Analysis of Covariance, English (Second Language), High Risk Students, Program Effectiveness, Program Evaluation, *Remedial Instruction, Secondary Education, *Supplementary Education, *Tutorial Programs

Identifiers—*Houston Independent School District TX

The Required Academic Proficiency (RAP) program was established by the Houston (Texas) Independent School District to reduce and remediate the academic failure of students. The purpose of the RAP program was twofold: (1) to provide supplemental instruction to students identified as being at risk of failing academic subjects; and (2) to provide additional instructional support designed to increase the percentages of students mastering achievement tests. RAP sessions, which were held for seven Saturdays during the spring 1990 semester, offered instruction in the following content areas:

(1) intensive achievement test preparation; (2) English-as-a-Second-Language (ESL) reading development; (3) writing skills development; (4) fundamental concepts of mathematics; (5) study skills; (6) life skills; and (7) enrichment activities. This report evaluates the effectiveness of the RAP program. The tasks of the inquiry were to: (1) describe demographic data of program and comparison students; (2) analyze data collected for program and comparison students; and (3) conduct site visits to the five RAP academies. Findings indicate benefits for nontargeted students who attended RAP but no appreciable success in improving the grades of the targeted students. It is recommended that the program be redefined to encourage a more diversified student participation. The report includes statistical data in 28 tables and 9 graphs. (AF)

ED 328 642 UD 027 897

Dropout Report for 1988-89: Part 2.

Houston Independent School District, TX. Dept. of Research and Evaluation.

Pub Date—1 Mar 90

Note—35p.; Follow-up report.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Dropout Prevention, *Dropout Rate, Dropout Research, *Dropouts, Educational Trends, Ethnic Groups, *High Risk Students, Predictive Measurement, Racial Differences, *School Demography, Secondary Education, *Secondary School Students, Trend Analysis

Identifiers—*Houston Independent School District TX

This publication is the second of two dropout reports prepared in 1988-89 for the Houston (Texas) Independent School District. The first report presented dropout data for each of the district's secondary schools as well as for the district as a whole. This follow-up report on HISD's 1988-89 dropouts presents a districtwide perspective on demographic characteristics and at-risk status, as well as an estimated longitudinal dropout rate based on 1988-89 data. The report presents and provides answers to the following research questions: (1) What was the 1988-89 dropout rate for HISD secondary students? (2) What were dropout rates by grade? (3) What were dropout rates by age? (4) What was the racial/ethnic composition of the HISD secondary students who became 1988-89 dropouts? (5) What was the 1988-89 dropout rate for each of the four major racial/ethnic categories in HISD? (6) Have dropout rates by racial/ethnic group changed in relation to one another and in relation to the overall HISD dropout rate over the last 2 years? (7) What percentage of 1988-89 dropouts were previously identified as at-risk students? (8) What were 1988-89 dropout rates by at-risk status? and (9) What is the estimated longitudinal dropout rate for HISD secondary grades (7-12)? A seven-item bibliography is appended. (AF)

ED 328 643 UD 027 898

Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.

Urban Strategies Council, Oakland, CA.

Spons Agency—Rockefeller Foundation, New York, N.Y.; San Francisco Foundation, Calif.; William and Flora Hewlett Foundation, Palo Alto, Calif.

Pub Date—Sep 88

Note—66p.; A Blueprint by the Urban Strategies Council and the Working Group of the Early Childhood Development Initiative.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC03 Plus Postage.

Descriptors—*Cooperative Programs, *Coordination, *Early Intervention, *High Risk Students, Low Income Groups, Models, Preschool Education, Urban Schools

Identifiers—*California (Oakland), Oakland Unified School District CA, Project Head Start

Oakland (California) must expand high-quality, comprehensive early childhood development programs to improve the educational, employment, and life options of low-income children. Research has found that the benefits of participation in Head Start and other high-quality preschool programs include better preparation for school and lower risk of unemployment, early parenthood, and delinquency. However, low-income parents cannot pay for preschool education and publicly-funded programs serve only 18 percent of those eligible. A review of existing programs indicates that the city has a wide range of programs and personnel with the potential

to reach all low-income children. Recommendations include the following: (1) form a committee to facilitate the expansion of existing programs and ensure that these programs can provide comprehensive family support services; (2) obtain new Federal, state, and local resources for the Head Start program; (3) coordinate programs offered by the Oakland Unified School District with each other and with other local child development and family resources programs, including private subsidized and private proprietary programs; and (4) establish an "Oakland Birth-to-School Project" to provide comprehensive health, education, and social services to parents, infants, and preschoolers in high-risk neighborhoods. Descriptions of six model programs are included. Statistical data are presented in one table and seven graphs. A description of the research methodology, a discussion of funding sources, and a list of 39 references are appended. (FMW)

ED 328 644 UD 027 903

Bempechat, Janine Omori, Miya C.

Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68.

ERIC Clearinghouse on Urban Education, New York, N.Y.

Spons Agency—Office of Educational Research and Improvement (ED), Washington, DC.

Report No.—EDO-UD-90-8

Pub Date—Aug 90

Contract—R188062013

Note—3p.

Available from—ERIC Clearinghouse on Urban Education, Teachers College, Box 40, Columbia University, New York, NY 10027 (free).

Pub Type—Information Analyses - ERIC Information Analysis Products (071)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—*Adjustment (to Environment), *Asian Americans, Cambodians, *Cultural Influences, Culture Conflict, Elementary Secondary Education, Immigrants, Laotians, Limited English Speaking, Literature Reviews, *Psychological Needs, *Refugees, Vietnamese People

Identifiers—*Asian American Students, ERIC Digests

Teachers must be sensitive to the diverse cultures and the sometimes difficult personal experiences of Southeast Asian immigrant students. Varied conditions of arrival have a significant impact on their adaptation to life in the United States. Earlier Vietnamese immigrants were more educated and Westernized compared to later Vietnamese, Cambodian, and Laotian refugees. The Confucian principles of filial piety, ancestral unity, primogeniture, and lineage influence parental socialization practices, and individuals strive to attain harmony in social relationships. The psychosocial development of Southeast Asian children is influenced by the conditions under which they arrived in the United States and by the tension between traditional and U.S. cultural beliefs. Unaccompanied males and Amerasian children are particularly susceptible to depression and behavioral problems. Younger children seem to adjust to the school environment more easily than older children, but language presents a major barrier for both students and parents. Educators can facilitate learning and encourage parent participation if they: (1) use bilingual teachers and school-home liaisons as resources; (2) become familiar with Vietnamese, Cambodian, and Laotian culture; (3) identify the specific conditions under which each family immigrated; (4) ask all students to share information about native culture and exhibit respect for individual characteristics; (5) invite children to discuss problems privately; and (6) ask parents who immigrated earlier to help more recent immigrant parents to understand school policy and to translate communications. A list of 13 references is appended. (FMW)

ED 328 645 UD 027 905

Bassone, Richard M., Ed. Polishook, Irwin H., Ed.

Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990).

City Univ. of New York, N.Y. Graduate School and Univ. Center.

Pub Date—91

Note—99p.

Pub Type—Collected Works - Proceedings (021)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—*Cooperative Programs, *Corporate Support, *Educational Change, Education Work

Relationship, Elementary Secondary Education, *Politics of Education, *School Business Relationship, *School Restructuring, *Urban Education

These proceedings of a conference on corporate programs that support urban educational reform include 11 papers that focus on the importance of education and academic achievement to the business community, and the need for a national political agenda to promote urban school reform. The following presentations describe existing enrichment programs that approach school reform in close cooperation with local communities: (1) "What Phillip Morris Is Doing" (G. L. Knox, III); (2) "What Procter & Gamble Is Doing" (R. L. Wehling); (3) "What U S WEST Is Doing" (J. J. Prancan); and (4) "What Pacific Telesis Is Doing" (T. S. Donahoe). The following presentations describe plans to speed the rate of school reform: (1) "What Is Planned by Citibank" (P. M. Ostergard); (2) "What Is Planned by Union Carbide Corporation" (N. W. Deibler); and (3) "What Is Planned by National Business Organizations" (F. S. Edelstein). The following presentations discuss what is needed to ensure education reform from a variety of perspectives: (1) "A Teacher/Union Leader's Perspective" (A. Shanker); (2) "A Superintendent's Perspective" (P. McWalters); (3) "An Executive's Perspective" (A. S. Alexander); and (4) "A Legislator's Perspective" (G. K. Hart). A list of participants is included. (FMW)

ED 328 646 UD 027 906

Martinez-Pons, Manuel. Zimmerman, Barry J.
Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.

Pub Date—May 90

Note—35p; Paper presented at the Annual Conference of the American Education Research Association (San Francisco, CA, 1989).

Pub Type—Speeches/Meeting Papers (150)—Reports—Research (143)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*Academic Achievement, Academic Aspiration, Cubans, Elementary Secondary Education, Fathers, *Hispanic Americans, *Homeownership, Individual Differences, Latin Americans, Occupational Aspiration, Parent Aspiration, *Parent Child Relationship, *Parent Role, Path Analysis, Puerto Ricans

Identifiers—*Hispanic American Students

This study examines differences in the academic achievement of Puerto Ricans, Cubans, and Central/South Americans, and the relationship of those differences to the time spent on homework, educational-occupational aspirations, and background. The following parental factors are examined: (1) the press for English; (2) the press for independence; (3) the educational-occupational aspiration for their child; (4) the amount of time residing in the United States; and (5) the level of educational attainment. Information was gathered from the interview responses of a sample of 108 Hispanic American 10th-grade students and their parents. A model developed from the 1976 Marjoribanks Social-Environmental theory was tested using path analysis. The following findings are reported: (1) the proposed family environment model accounted for 56 percent of the variance in the students' reading achievement and 59 percent of the variance in the students' mathematics achievement; (2) paternal achievement processes played a larger role than maternal processes; (3) the students' educational-occupational aspirations were related to their achievement and to the amount of time they spent on their homework; (4) Cuban fathers displayed higher levels of press for English, press for independence, and educational-occupational aspirations than Central/South American fathers; and (5) Central/South American fathers displayed higher levels of all family processes than Puerto Rican fathers. Implications for remedial programs are discussed. Four tables of statistical data, four illustrations, and a list of nine references are appended. (FMW)

ED 328 647 UD 027 907

Laughrey, Michael C.

The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students.

Pub Date—Dec 90

Note—59p; Educational Specialist Practicum Report, Nova University.

Pub Type—Dissertations/Theses—Practicum Papers (043)—Reports—Research (143)

R1E JUN 1991

EDRS Price—MF01/PC03 Plus Postage.

Descriptors—*Academic Achievement, Black Achievement, Black Education, *Black Students, *Dropout Prevention, Dropout Programs, High Schools, High School Students, *Males, *Mentors, Potential Dropouts, *Program Design, Program Implementation, Urban Schools

This practicum paper describes the design and implementation of a mentoring program to improve the academic achievement of black male urban high school students. The program utilizes black adult mentors from both the community and the school's faculty. Mentors function as role models, advisers, and resource persons. The program design includes the following components: (1) a school-based committee responsible for program implementation and for identifying student participants; (2) training for mentors; (3) periodic progress reports prepared by mentors; (4) after-school tutoring; (5) small group counseling; (6) career planning; and (7) program evaluation based on improvement in student test scores. Most of the program was funded from the regular school budget, with supplementary funds provided by the Parent Teachers Association. The program did not meet its overall goals for improving student test scores by one full point, perhaps because the target was unrealistic. However, participants did show improvement in attendance, test results, and postgraduation planning. The following materials are appended: (1) a list of 18 references; (2) 6 tables of statistical data; (3) a student progress report form; and (4) a mentor handbook developed by the school committee. (FMW)

ED 328 648 UD 027 910

Neibacher, Susan L.

Homeless People and Health Care: An Unrelenting Challenge.

United Hospital Fund of New York, N.Y.

Pub Date—Dec 90

Note—35p.

Available from—Publications Program, United Hospital Fund of New York, 55 Fifth Avenue, New York, NY (\$5.00).

Pub Type—Reports—Descriptive (141)

EDRS Price—MF01/PC02 Plus Postage.

Descriptors—*Acquired Immune Deficiency Syndrome, *Health Needs, *Health Programs, *Health Services, *Homeless People, Housing Needs, *Medical Services, Mental Health Programs, Outreach Programs, Primary Health Care, Program Descriptions, Public Policy, *Social Services, Substance Abuse

Identifiers—*New York City Health Care for Homeless Program NY

In 1985, the New York City Health Care for the Homeless Program began providing health care and social services to homeless people. The program seeks to provide care to those homeless people with the least access to services, reaching out to them in soup kitchens, shelters, and hotels. This paper summarizes what has been learned since 1985 about the special needs of homeless people and about the difficulties of providing services to this disaffiliated and vulnerable population. The report contains four principal sections. The first section, "Who Are America's Homeless?" identifies the major groups of single adults, families, and youth. The second section, "One Response: The New York City Health Care for the Homeless Program," describes the design and history of the program, its biggest challenges, and the support of the outreach staff. The third section, "Holes in the Safety Net," reviews obstacles to providing care, including site limitations, reluctance to receive care, staffing changes, institutional aversion, and lack of facilities. The fourth section, "Implications for Public Social Policy," examines issues underlying homelessness, including racism, mental illness, substance abuse, HIV-related illnesses, and housing needs. The paper includes statistical data in six tables and charts and a list of 17 references. (AF)

ED 328 649 UD 027 911

Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate.

General Accounting Office, Washington, DC. Resources, Community, and Economic Development Div.

Report No.—GAO/RCED-91-29

Pub Date—Dec 90

Note—22p.

Available from—U.S. General Accounting Office,

Post Office Box 6015, Gaithersburg, MD 20877 (1-5 copies free, additional copies \$2.00 each, 25% discount on orders for 100 or more).

Pub Type—Reports—Evaluative (142)

EDRS Price—MF01/PC01 Plus Postage.

Descriptors—Eligibility, Emergency Programs, *Expenditures, *Government Role, *Homeless People, Human Services, Program Administration, *Program Effectiveness, Program Evaluation, *Social Services

Identifiers—*Program Monitoring, *Stewart B McKinney Homeless Assistance Act 1987

The objectives of this study were to determine the following: (1) what actions Federal agencies have taken to reduce or eliminate barriers to obtaining and using funds provided by the Stewart B. McKinney Homeless Assistance Act; (2) the adequacy of Federal program oversight; and (3) the status of program expenditure rates. The programs reviewed are ones administered by the Departments of Housing and Urban Development (HUD), Health and Human Services (HHS), Education, and Labor, and the Federal Emergency Management Agency (FEMA). The report finds that HUD, HHS, Education, and Labor have made progress in easing barriers identified as impediments to providers obtaining and using McKinney Act funds. However, HUD and Education have not adequately monitored their McKinney Act programs and therefore cannot be assured that the programs comply with the McKinney Act and Federal rules and regulations. Efforts are underway at HUD, Education, Labor, and FEMA to improve monitoring and/or to conduct program evaluations. In addition, HUD, HHS, and Education officials are aware that some program recipients have not spent large portions of their fiscal year 1987-88 funds. These officials are urged to monitor all program expenditure rates. Recommendations to the Department Secretaries and the FEMA Director and four appendices are included. (AF)

ED 328 650 UD 027 912

Tidwell, Billy J.

The Price: A Study of the Costs of Racism in America.

National Urban League, Inc., Washington, D.C. Research Dept.

Pub Date—Jul 90

Note—101p.

Available from—National Urban League, Inc., The Equal Opportunity Building, 500 East 62nd Street, New York, NY 10021 (\$5.00).

Pub Type—Historical Materials (060)—Reports—Evaluative (142)

EDRS Price—MF01/PC05 Plus Postage.

Descriptors—Black History, Blacks, *Economic Impact, Emotional Problems, *Racial Bias, *Racial Discrimination, Social Problems, *Socioeconomic Influences, *Whites

Identifiers—*African Americans

America cannot afford to continue to pay the sociopsychological, sociopolitical, and economic costs of racism. The economic and psychosocial benefits of racism to the majority population during the slavery era are obvious. Similar interests motivated the discriminatory treatment of African Americans during the Jim Crow period, when Whites still believed that excluding African Americans from full social, economic, and political participation and exploiting them for economic gain was part of the natural order. Since the 1954 Supreme Court decision, "Brown v. Board of Education," White Americans have continued to enjoy material and psychosocial advantages based on past racially exclusionary practices and present institutionalized discrimination. However, this long history of racism has created social costs in terms of social instability, loss of economic productivity, and constraints on the United States' world role as a purveyor of democracy. African Americans bear the individual costs of low self-esteem, high unemployment, low socioeconomic status, and limited opportunities. White Americans bear the costs of ignorance, moral ambivalence, interracial tension, and a weakened labor force. Statistical data are presented in eight tables. A figure illustrating the reciprocal relationships among the sociopsychological, sociopolitical, and economic costs of racism is included. A list of 98 references is appended. (FMW)

ED 328 651 UD 027 913

Black Americans and Public Policy: Perspectives of the National Urban League.

National Urban League, Inc., New York, N.Y.

Report No.—ISBN-0-914758-09-5

Pub Date—Apr 88

Note—95p.

Available from—National Urban League, Inc., The Equal Opportunity Building, 500 East 62nd Street, New York, NY 10021 (\$3.00).

Pub Type—Collected Works - General (020) — Opinion Papers (120)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Black Attitudes, Black Organizations, Blacks, Civil Rights, Economic Development, Educational Policy, Financial Policy, Job Training, Policy Formation, Public Policy, Welfare Services

Identifiers—Urban League

This collection of six commentaries represents the National Urban League's perspective on public policies needed to promote the interests of black Americans. Each commentary focuses on the present condition of blacks, details the impact of recent policy initiatives, and delineates the League's proposals for improvement. "Black Americans and Public Policy" (D. G. Glasgow) urges policymakers not to use the Federal budget deficit as an excuse to avoid funding domestic programs that would improve the socioeconomic status of blacks. "Civil Rights and Social Justice" (R. McAlpine, B. J. Tidwell, and M. L. Jackson) recommends voting, education, employment, and housing policies that would counteract the deleterious reversals of the Reagan era. "Employment and Training: Toward the Year 2000" (B. C. Watson, V. Austin, and J. Reed) makes recommendations for improving the Job Training Partnership Act (JTPA), employment, and the national economy. "Education: In Search of Equity and Excellence" (D. J. Jones, E. W. Chunn, and S. G. Robinson) argues that the Federal Government has the primary responsibility for providing programs that meet the educational needs of blacks. "Welfare Reform: An Antipovity Strategy" (S. Bergeron, J. Dixon, and D. G. Glasgow) recommends the development of a national antipovity program based on reform of the Aid to Families with Dependent Children (AFDC) program. "Black Economic Development: Still on the Margin" (B. J. Tidwell, K. V. Hill, and L. B. Malone) suggests reforms in minority business support, block grants, urban development grants, and enterprise zones. Each commentary includes a list of references. (FMW)

ED 328 652

UD 27 914

Dropout Rates in Massachusetts Public Schools: 1989.

Massachusetts State Dept. of Education, Quincy. Bureau of Research, Planning, and Evaluation.

Pub Date—Oct 90

Note—49p.; Publication #16480.

Pub Type—Numerical/Quantitative Data (110) — Reports - Research (143)

EDRS Price - MF01/PC02 Plus Postage.

Descriptors—Dropout Characteristics, Dropout Rate, Ethnicity, Geographic Distribution, High Schools, Minority Group Children, Racial Differences, School Statistics, Secondary Education, Sex Differences, State Surveys, Urban Schools

Identifiers—Asian American Students, Hispanic Students, Massachusetts

This report summarizes information about students who dropped out of Massachusetts public schools during 1989 and provides comparative dropout data from the 1987 and 1988 surveys. Both the annual dropout rate and the projected 4-year dropout rate are presented. The annual rates describe the percentage of students who drop out in a given year and are reported by the following breakdowns: (1) by grade; (2) for a range of grades (9-12); (3) by gender; (4) by race/ethnicity; (5) by kind of community; and (6) by program area. The projected 4-year rates estimate the percentage of ninth graders who may not graduate in 4 years. The following findings are reported: (1) the 1989 annual dropout rate was 4.9 percent; (2) the 1989 estimated 4-year dropout rate was 18 percent; (3) the annual dropout rate and the estimated four-year dropout rate decreased between 1988 and 1989 due to a decrease in the number of dropouts in urban schools; (4) annual dropout rates by school ranged from as low as 0 percent to over 26 percent; (5) the highest percentage of students dropped out in grades 10 and 11 (5.7 percent and 5.6 percent, respectively), while the lowest percentage (3.6 percent) dropped out in grade 12; and 4.4 percent dropped out in grade 9; (6) 5.3 percent of males and 4.5 percent of females dropped out; (7) 14.1 percent of Hispanic American students, 9.2 percent of Black students, 7.8 percent of Native American students, 4.7 percent of Asian

American students, and 4 percent of White students dropped out; (8) dropouts were most prevalent in urban schools; and (9) 5.5 percent of students enrolled in vocational-technical programs and 7.4 percent of special needs students dropped out. Statistical data are presented in 12 tables and 7 graphs. (FMW)

ED 328 653

UD 27 915

Tidwell, Billy J.

Stalling Out: The Relative Progress of African Americans.

National Urban League, Inc., Washington, D.C. Research Dept.

Pub Date—Aug 89

Note—88p.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Black Population Trends, Blacks, Equal Education, Equal Opportunities (Jobs), Futures (of Society), Higher Education, High Schools, Housing, Mortality Rate, Political Power, Racial Differences, Salary Wage Differentials, Social Change, Social Indicators, Trend Analysis, Whites

Identifiers—African Americans

The socioeconomic progress of African Americans appears to be in a stalled state. This study analyzes the progress of African Americans toward parity with Whites over a 15- to 20-year period in the following areas: (1) employment; (2) economic development; (3) education; (4) health; (5) housing; and (6) political empowerment. For individual indicators in each category, the specific measure used is the percentage ratio of African Americans to Whites. In order to gauge overall progress and prospects for the achievement of parity, estimates from a composite "racial parity index" (RPI) were generated that take into account comparative measurements across a range of the individual status indicators. The following findings are reported: (1) parity in unemployment rates may never be achieved; (2) parity in representation in managerial and professional occupations could be achieved by 2039; (3) parity in earnings could be achieved by 2058; (4) parity in average household income could be achieved by 2151; (5) parity in poverty rates could be achieved by 2154; (6) parity in wealth and business development may never occur; (7) parity in high school completion rates could be achieved by 2001; (8) parity in college enrollment rates could be achieved by 2040 and in college completion rates by 2025; (9) parity in average life expectancy could be achieved by 2025; (10) parity in infant mortality rates may never be achieved; (11) parity in home ownership could be achieved by 3148; (12) parity in voter registration rates could be achieved by 1989 and in voting rates by 1994; and (13) parity in representation among elected officials will take a long time. Statistical data are presented in 16 tables. A list of 62 references is appended. (FMW)

ED 328 654

UD 27 916

Taylor, William L. Piche, Dianne M.

A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor. U.S. House of Representatives.

One Hundred First Congress, Second Session. Congress of the U.S., Washington, D.C. House Committee on Education and Labor.

Pub Date—Dec 90

Note—81p.; Serial No. 101-U.

Available from—Superintendent of Documents, Congressional Sales Office, U.S. Government Printing Office, Washington, DC 20402.

Pub Type—Legal/Legislative/Regulatory Materials (090) — Reports - Evaluative (142)

EDRS Price - MF01/PC04 Plus Postage.

Descriptors—Compensatory Education, Disadvantaged Youth, Economically Disadvantaged, Educational Equity (Finance), Educational Finance, Elementary Secondary Education, Equal Education, Government Role, High Risk Students, Minority Group Children, Public Education, School Districts, School Support, Special Needs Students, State School District Relationship

Identifiers—Congress 101st

This report concerns inequity in public school finance and its impact on students who, because of economic disadvantage or other factors, are at risk of educational failure. The study examines how resources are distributed under state systems for financing public education. Findings indicate that the prevalent system of financing public schools

through heavy reliance on locally raised property taxes leads to widespread disparities in expenditures among public school districts within states. Recent state court decisions have revived the movement, begun in the 1970s and early 1980s, to reform school finance systems through litigation. The study finds that inequitable systems of school finance inflict disproportionate harm on minority and economically disadvantaged students. Educators have reached substantial agreement that several types of educational services are important, and in some cases vital, to the success of at-risk students. Because of a lack of resources, many of these services are inadequate or are not provided at all to children in property-poor districts. A more equitable distribution of resources by states to local school districts could reduce the costs of assuring effective educational services to at-risk children. An appendix discussing school finance litigation prior to 1989 and three statistical tables are included. (AF)

ED 328 655

UD 27 917

Etheridge, Carol Plata And Others

Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM.

Memphis State Univ., Tenn.

Pub Date—Nov 90

Note—18p.; Paper presented at the Annual Meeting of the Mid-South Educational Research Association (New Orleans, LA, November 14-16, 1990).

Pub Type—Speeches/Meeting Papers (150)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Administrator Role, Elementary Secondary Education, Ethnography, Leadership Styles, Participative Decision Making, Principals, Program Implementation, School Based Management, School Restructuring, Urban Schools

Identifiers—Memphis City Schools TN

This study examines the effects of principal leadership styles on the development of the working styles of seven local school councils in Memphis (Tennessee) during their first 15 months of operation. The successful implementation of a school-based decision making (SBDM) management model depends upon the ability of the local school council to develop an effective working style. The councils are comprised of parents, community residents, teachers, and other assigned school staff. An analysis of information obtained from observations, interviews, and reviews of documents found that the nature of principal leadership was related to the nature of initial council functioning, but the principal was not the sole facilitating factor. The following findings are reported: (1) principals who exhibited laissez-faire and democratic leadership styles encouraged councils to function cooperatively; (2) authoritarian principals inhibited cooperative council functioning, especially when information was controlled, communication with the central office and administrators was limited, and teachers did not advocate involvement in decisions; and (3) councils were more likely to function cooperatively when chairpersons were strong leaders, council members cooperated with the director and the professional association, and there was a common understanding of the council's role. Four figures illustrating the evolution of council working styles are included. A list of 16 references is appended. (FMW)

ED 328 656

UD 27 923

Jones, Sarah E.

Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.

Union Inst., Washington, DC. Center for Public Policy.

Spons. Agency—Ford Foundation, New York, N.Y.; Kellogg Foundation, Battle Creek, Mich.

Pub Date—Oct 90

Note—30p.; For a related document, see UD 27 924.

Available from—Union Institute, Office for Social Responsibility, Center for Public Policy, 1731 Connecticut Avenue, N.W., Washington, D.C. 20009-1146.

Pub Type—Reports - Research (143)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—At Risk Persons, Crime, Demography, Disadvantaged Youth, Educational Attainment, Family Structure, Inner City, Labor Market, Males, Poverty, Public Policy, Racial Bias, Social Support Groups, Unemployment

*Urban Areas, Urban Problems, Violence
Identifiers—*Economic Trends, Incarcerated Youth

This paper explores how recent economic, demographic, and social changes have created the conditions that are presently constricting the opportunities and future expectations of today's urban young men. While research indicates that all disadvantaged youth in urban areas are facing impediments to their success, the paper focuses on the realities of disadvantaged young men in their mid-teens to early twenties. The following factors and influences are examined: (1) economic trends; (2) demographic trends; (3) urban poverty; (4) family formation; (5) educational achievement; (6) drugs and violence; (7) incarceration; and (8) lack of supports. The paper asserts that a growing number of youth and families need assistance if they are to overcome the forces of poverty, joblessness, and racism that place them at risk of not realizing their potential as self-sufficient and productive citizens. Today's disadvantaged young men in urban areas desperately need supervision during nonschool and summer hours while their parents are at work, which should incorporate the following elements: (1) consistent adult relationships; (2) supplemental education; (3) health care and counseling; (4) recreational activities; (5) safe and clean facilities; (6) skills development; and (7) improvements in self-esteem. Efforts to help these young men must comprehend the reality of urban life in the 1990s. A bibliography listing 68 references is appended. (AF)

ED 328 657 UD 027 924

Jones, Sarah E.

Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas.

Union Inst., Washington, DC. Center for Public Policy.

Pub Date—Dec 90

Note—36p; For a related document, see UD 027 923.

Available from—Union Institute, Office for Social Responsibility, Center for Public Policy, 1731 Connecticut Avenue, N.W., Washington, DC 20009-1146.

Pub Type—Reports - Evaluative (142)

EDRS Price - MF01 Plus Postage. PC Not Available from EDRS.

Descriptors—*Adolescents, *Comprehensive Programs, *Disadvantaged Youth, Early Intervention, *Intervention, *Males, Mass Media Effects, Program Descriptions, Program Development, Racial Discrimination, Self Esteem, Social Discrimination, *Urban Areas

Identifiers—Empowerment

New programs taking a comprehensive approach to disadvantaged young men in urban areas have met with some success. This paper attempts to define the issues that will influence the development of comprehensive programs and examines the qualities that have made them a promising alternative for the future. Issues that shape the lives of youth include the following: (1) individual action versus environmental constraints as the root of economic failure; (2) assistance versus empowerment approaches to program development; (3) special problems of adolescence; (4) discrimination by race; (5) discrimination by class; (6) poverty; and (7) media messages. Principles governing successful programs include the following: (1) flexibility; (2) holistic rather than categorical approach; (3) community-based approach; (4) intervention aimed at institutions rather than individuals; and (5) early intervention. Successful programs have the following characteristics: (1) they address young people on a personal level through caring relationships with adults; (2) they provide a protective, family-like environment; and (3) they link youth to real opportunities within the community. Ingredients generally agreed upon as most needed for program success include the following: (1) individual attention; (2) neighborhood or community-based multiservice approach; (3) trained personnel; (4) social and personal skills training and counseling; (5) job skills training and placement; (6) parent involvement; and (7) peer involvement. A 50-item bibliography is appended. (AF)

ED 328 658 UD 027 927

Grannis, Joseph C. Fahs, Mary Ellen

Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final

Report. Executive Summary.

Public Education Association, New York, N.Y.
Spons. Agency—Grant (W.T.) Foundation, New York, N.Y.

Pub Date—May 88

Note—17p; For full document, see UD 027 928.

Pub Type—Reports - Research (143)

EDRS Price - MF01/PC01 Plus Postage.

Descriptors—Adolescents, Black Students, Cohort Analysis, *Coping, Educational Environment, Elementary Education, *Locus of Control, Low Income Groups, Middle Schools, *Stress Management, *Stress Variables, Urban Schools

This document summarizes the evaluation of a project that studied social, physical, and academic stress in the lives of students in an inner-city intermediate school and developed interventions to reduce that stress. Over 242 students, most of whom were from low-income families and almost all of whom were black, participated in the project. The following findings are reported: (1) a committee of parents, teachers, administrators, and project staff approved all research instruments and made recommendations for interventions; (2) the average frequency of stressor events did not change from year to year; (3) high internal consistency was established for four of the five subscales of a project-developed instrument to measure the perceived frequency of stressor events and anticipated reactions to those events; (4) student coping processes were positively related to achievement and the context in which the stressor events occurred, and external locus of control was related to low self-esteem and low achievement; (5) locus of control and the appraisal of stressor events were central to students' cognitions, feelings, and actions; and (6) effective interventions cannot be developed without the active and sustained support of school administration and teachers, many of whom believed that stressor events were beyond control. (FMW)

ED 328 659 UD 027 928

Grannis, Joseph C. Fahs, Mary Ellen

Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report to the William T. Grant Foundation. Volume One [and] Volume Two.

Public Education Association, New York, N.Y.

Spons. Agency—Grant (W.T.) Foundation, New York, N.Y.

Pub Date—May 88

Note—522p; For related document, see UD 027 927.

Pub Type—Reports - Research (143)

EDRS Price - MF02/PC21 Plus Postage.

Descriptors—Adolescents, Black Students, Cohort Analysis, *Coping, Educational Environment, Elementary Education, *Locus of Control, Low Income Groups, Middle Schools, *Stress Management, *Stress Variables, Urban Schools

This report evaluates a project that studied social, physical, and academic stress in the lives of students in an inner-city intermediate school and developed interventions to reduce that stress. Over 242 students, most of whom were from low-income families and almost all of whom were black, participated in the project. The following findings are reported: (1) a committee of parents, teachers, administrators, and project staff approved all research instruments and made recommendations for interventions; (2) the average frequency of stressor events did not change from year to year; (3) high internal consistency was established for four of the five subscales of a project-developed instrument to measure the perceived frequency of stressor events and anticipated reactions to those events; (4) student coping processes were positively related to achievement and the context in which the stressor events occurred, and external locus of control was related to low self-esteem and low achievement; (5) locus of control and the appraisal of stressor events were central to students' cognitions, feelings, and actions; and (6) effective interventions cannot be developed without the active and sustained support of school administration and teachers, many of whom believed that stressor events were beyond control. Case studies of five students are included. Statistical data are presented in six graphs. A list of 37 references is appended. Additional statistical data in 109 tables and six appendices are contained in an accompanying volume. The tables illustrate the relationship of student perceptions of stress and locus of control to academic achievement and self-esteem. (FM)

ED 328 660

Wilkinson, Brenda

Jesse Jackson: Still Fighting for the Dream.

Report No.—ISBN-0-382-24064-2

Pub Date—90

Note—136p.

Available from—Silver Burdett Press, Inc., a division of Simon & Schuster, Inc., Prentice Hall Building, Englewood Cliffs, NJ (\$7.95).

Pub Type—Books (010) — Historical Materials (060)

Document Not Available from EDRS.

Descriptors—Activism, Biographies, *Black History, *Black Leadership, Blacks, Childrens Literature, *Civil Rights, Clergy, Demonstrations (Civil), *Political Candidates, *Presidential Campaigns (United States), United States History Identifiers—*African Americans, *Jackson (Jesse), King (Martin Luther Jr)

This biography for younger readers follows the life and career of Jesse Jackson, the African American civil rights worker who has twice sought a presidential nomination and continues to work for equal rights for all Americans. The book presents an overview of the civil rights movement in the United States and describes Jackson's role as clergyman, political contender, and advocate for poor, homeless, and uneducated people. Highlights in the life of Jesse Jackson include the following: (1) education at the University of Illinois, North Carolina Agricultural and Technical College, and the Chicago Theological Seminary; (2) leadership with Martin Luther King, Jr., of a march in Chicago from Soldiers Field to City Hall in 1966; (3) election by King to head Operation Breadbasket in Chicago; (4) organization of the first Black Expo; (5) organization of People United to Serve Humanity (PUSH); (6) leadership of a 1974 march on Washington demanding jobs for the poor; (7) a bid for the Democratic party's nomination for president of the United States in 1983-84; and (8) a second bid for the Democratic party's nomination for president in 1987-88. The book includes a civil rights movement time line, a timetable of events in Jackson's life, suggested reading, and a list of 52 references. (AF)

ED 328 661

Rowland, Della

Martin Luther King, Jr.: The Dream of Peaceful

Revolution.

Report No.—ISBN-0-382-24062-6

Pub Date—90

Note—144p.

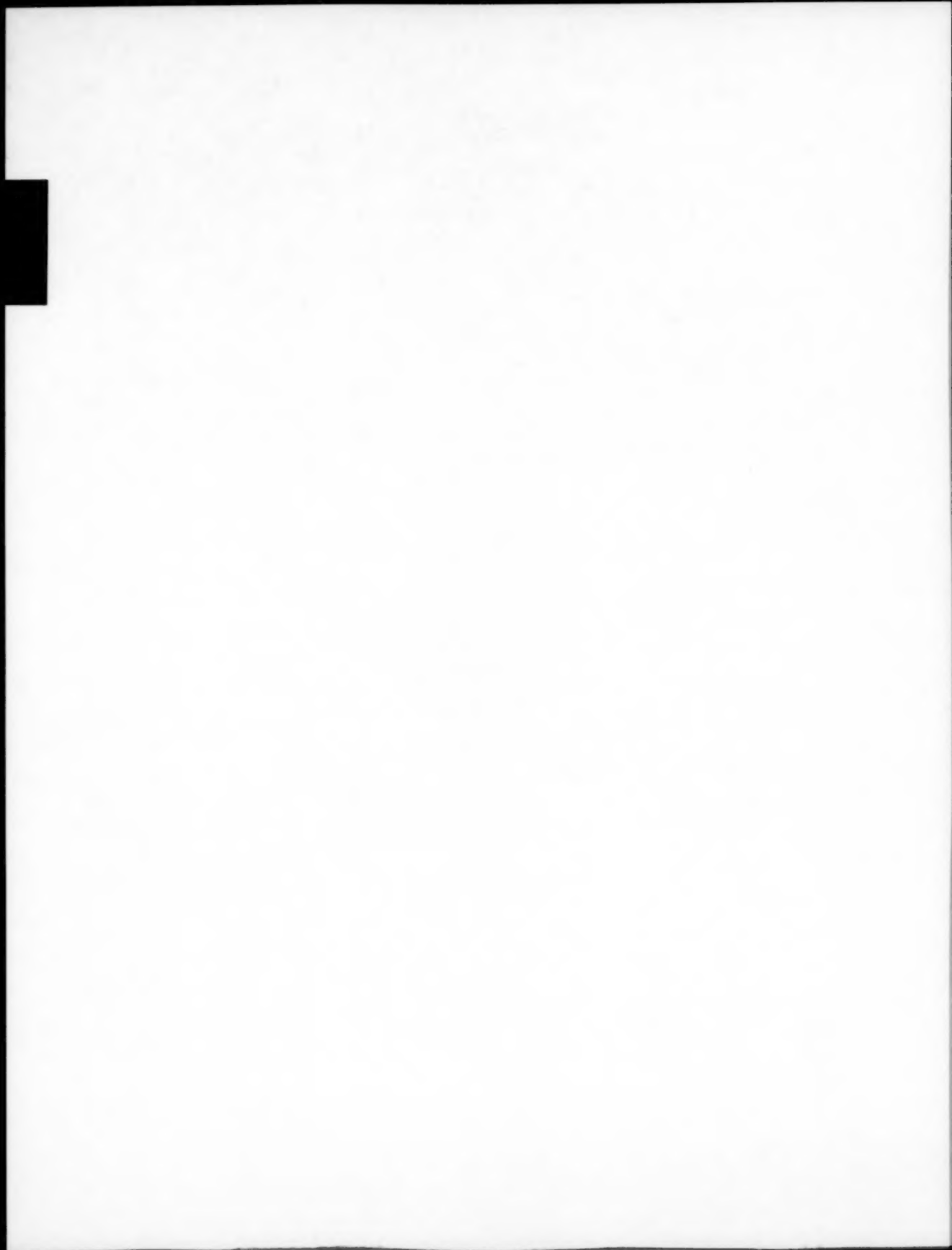
Available from—Silver Burdett Press, Inc., a division of Simon & Schuster, Inc., Prentice Hall Building, Englewood Cliffs, NJ (\$7.95).

Pub Type—Books (010) — Historical Materials (060)

Document Not Available from EDRS.

Descriptors—Activism, Biographies, *Black History, *Black Leadership, Blacks, Childrens Literature, *Civil Disobedience, *Civil Rights, Clergy, *Demonstrations (Civil), United States History Identifiers—*African Americans, *King (Martin Luther Jr), Nobel Prizes, Nonviolence, Southern Christian Leadership Conference

This biography for younger readers depicts the life of Martin Luther King, Jr., the Nobel Peace Prize winner who dedicated himself to the struggle for equal rights for African Americans while embracing the principle of nonviolent resistance. The book presents an overview of the civil rights movement and chronicles King's role as national leader and major advocate for social change. Highlights in the life of Martin Luther King, Jr., include the following: (1) ministry in the Baptist church beginning in 1947; (2) award of doctorate in theology from Boston University in 1955; (3) election as president of the Montgomery (Alabama) Improvement Association and leadership of the bus boycott there in 1955; (4) election as president of the Southern Christian Leadership Conference (SCLC) in 1957; (5) organization of Birmingham (Alabama) demonstrations and delivery of the "I Have a Dream" speech at the March on Washington in 1963; (6) award of the Nobel Peace Prize in 1964; (7) organization of demonstrations in Selma (Alabama) and march to Montgomery in 1965; (8) organization of the Poor People's Campaign in 1967; and (9) assassination in Memphis (Tennessee) in 1968. The book includes a civil rights movement time line, a timetable of events in King's life, suggested reading, and a list of 16 references. (AF)



This index lists titles of documents under the major subject terms that have been assigned to characterize their contents. The subjects, which conform to those presented in the *Thesaurus of ERIC Descriptors* and the *Identifier Authority List*, are in word-by-word alphabetical order.

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Identifier _____	National Assessment of Educational Progress		
Title _____	Reading, Science, and Mathematics Trends. A Closer Look.		
	ED 227 159	Accession	Number

AASCU ERIC Model Programs Inventory Project

Athletes Coaching Teens (ACT) for Substance Abuse Prevention.

ED 328 119

BSIT Program: A Non-Traditional Learning Opportunity.

ED 328 123

Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club.

ED 328 128

The Greater Cleveland Educational Development Center, College of Education, Cleveland State University.

ED 328 125

International Resource Management.

ED 328 127

The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho.

ED 328 131

Minority High School Student Research Apprenticeship Program.

ED 328 121

Penn State-Behrend/Diehl Elementary School Adopt-A-School Program.

ED 328 130

Project GOLD (Garfield Options for Leadership Development).

ED 328 118

Promoting Fun in Physics.

ED 328 122

Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania.

ED 328 129

Richmond Area Young Scholars Program.

ED 328 120

Strive Toward Excellence Program.

ED 328 126

Teacher Induction Partnerships Program.

ED 328 124

Ability

An Item Response Theory Model for Test Bias.

ED 328 584

Shared Ability Analysis across Tests: A Cautionary Note.

ED 328 571

Ability Grouping

Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study.

ED 328 397

Managing Instruction for Equity and Excellence:

ED 328 414

RIE JUN 1991

Effective Alternatives to Tracking. Teleconference Resource Guide.

ED 327 956

Reading Groups: Problems, Solutions.

ED 327 833

The Variable Effects of Tracking: Inequality and Productivity in American High Schools.

ED 328 632

Abortions

The Global Politics of Abortion. Worldwatch Paper 97.

ED 328 509

Abstracts

Resources in Education (RIE). Volume 26, Number 6.

ED 327 632

Academic Ability

Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.

ED 328 321

General Learning at a Women's College.

ED 328 116

Academic Achievement

Chapter 1 Migrant Education Program: Final Report.

ED 328 640

A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed At Improving Existing Programs in This School Division.

ED 328 447

Course Syllabi and Their Effects on Students' Final Grade Performance.

ED 328 202

The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students.

ED 328 647

Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.

ED 328 646

The Education of Minority Students in Non-Urban Schools.

ED 328 634

The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level.

ED 328 414

Factors That Affect Success in Nursing. Research Report No. 89-28R.

ED 328 316

High School Preparation as Viewed by Students in Miami-Dade Community College English Classes.

ED 328 333

Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.

ED 327 912

Junior School Class Size: Where Are We Now? Item 8. Set Number One.

ED 328 362

Kosrac Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report.

ED 328 064

Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9.

ED 328 302

Measuring Aptitude. ERIC Digest.

ED 328 608

Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A.

ED 328 077

Middle Immersion Study 1988. Research Paper 88-08.

ED 328 076

More Effective Schools/Teaching Project. Seventh Annual Report.

ED 328 524

The National Education Report Card Act of 1990. Hearing on S.2034 To Authorize the Creation of a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources. Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990).

ED 328 595

Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2.

ED 328 581

Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.

ED 328 563

The Quality of Education Graduates Compared to Graduates Not Completing Certification.

- ED 328 545
Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials.
- ED 328 364
The Relationship of Cognitive Style to Academic Performance among Dental Students.
- ED 328 205
Required Academic Proficiency (RAP) Program: Final Report.
- ED 328 641
School Culture, Motivation, and Achievement. Project Report.
- ED 327 948
"School Culture," Student Ethnicity, and Motivation. Project Report.
- ED 327 947
Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume 1. End of Course Testing.
- ED 328 572
South Carolina Basic Skills Assessment Program, 1989-1990 Results.
- ED 328 599
A Study of Instruction as Discourse.
- ED 328 516
S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session.
- ED 328 612
Teacher Expectations and Low-Achieving Students.
- ED 328 627
Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade.
- ED 328 445
The Variable Effects of Tracking: Inequality and Productivity in American High Schools.
- ED 328 632
Vocies and Preppies. The Winner in Written Communication Skills Is...
- ED 327 644
- Academic Aptitude**
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.
- ED 328 321
- Academic Aspiration**
Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club.
- ED 328 128
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90.
- ED 328 165
- Academic Education**
Vocies and Preppies. The Winner in Written Communication Skills Is...
- ED 327 644
- Academic Libraries**
Academic Libraries: 1988. E.D. TABS.
- ED 328 255
Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad.
- ED 328 265
Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper.
- ED 328 273
Library Research Guide for International Students. 2nd Edition.
- ED 328 280
- Academic Persistence**
Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9.
- ED 328 302
Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania.
- ED 328 129
The Relationships among Communicative Com-

petence, Roommate Rapport, Loneliness and Persistence in College.

- ED 327 900
Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2.
- ED 328 296
Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5.
- ED 328 309
Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.
- ED 328 328

Academically Gifted

- Counseling and Guidance for Gifted Under-achievers.
- ED 328 051
The Gift of Oration for the Gifted and Talented-Teaching Oral Communication to High School Students.
- ED 327 892
Harnett County Schools Academically Gifted Curriculum K-8.
- ED 327 989
21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens.
- ED 328 171

Access to Education

- Access through Innovation: New Colleges for New Students. Continuing Higher Education Series.
- ED 328 178//
Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg.
- ED 328 148
Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1.
- ED 328 133
Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session.

Highers and Higher Education.

- ED 328 206
- ED 328 186
Participation in Post-Compulsory Schooling in Scotland.
- ED 328 185
A Plan To Educate Nevada's Homeless Youth.
- ED 328 628
Profiles of State Programs: Adult Education for the Homeless.
- ED 327 730
Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education.
- ED 327 691
Public School Choice: An Equal Chance for All?
- ED 327 917
The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.
- ED 328 340
Special Education in South Africa-Who Plays God?
- ED 328 052
Vocational Education: The Issue Is Access.
- ED 327 720
Women's Higher Education in Comparative Perspective.
- ED 328 161//

Access to Information

- A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions.
- ED 328 199
Onsite Access to Library Collections by Visiting Scholars.
- ED 328 253

Accessibility (for Disabled)

- Library Media Center Design Considerations for Physically Disabled Students.
- ED 328 279
Library Programs. Library Programs for the Handicapped. Fiscal Year 1987.
- ED 328 278

Students with Disabilities: A Guide for Faculty and Staff.

ED 328 107

Accountability

Building In Accountability Mechanisms for Democracies & Bureaucracies: From Governmental & Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry Moe and Dr. John Chubb.

ED 327 972

Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education.

ED 327 665

Acculturation

Assumptions about Literacy Underlying an Employee Newsletter.

ED 327 861

Achievement

A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes.

ED 328 036

Achievement Tests

Gender Bias and Fairness. ERIC Digest.

ED 328 610

The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.

ED 328 035

The Readability of Trade Examinations.

ED 327 726

Required Academic Proficiency (RAP) Program: Final Report.

ED 328 641

Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.

ED 328 580

What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R.

ED 328 319

Acquired Immune Deficiency Syndrome

Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104.

ED 328 256

An AIDS Hotline: Primary Prevention in the Community.

ED 327 801

Condom Availability at Four-Year State Universities in the North Central Census Region.

ED 328 195

The Confidentiality Rights of HIV-Infected Individuals within a School.

ED 327 915

Predictors of Intention To Take Precautions against AIDS among Black College Students.

ED 327 807

Teaching about AIDS/HIV Disease to College Students.

ED 327 761

What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey.

ED 327 740

Action Research

How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative.

ED 328 226

Activism

The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.

ED 328 160//

War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women.

ED 327 768

Women in the Farmers' Alliance.

ED 328 501

Adapted Physical Education

Improving the Personal Fitness of Secondary Trainable Mentally Handicapped Students through Aerobic Exercise.

ED 328 042

Addition

RIE JUN 1991

- Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3. ED 327 702
- Adjustment (to Environment)**
Assessing the Process of Marital Adaptation: The Marital Coping Inventory. ED 327 802
Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- Administrative Change**
Quality Circle/Site-Based Management Implementation in Public School Districts. ED 327 984
- Administrative Principles**
School System Administration: A Strategic Plan for Site-Based Management. ED 327 921//
The Superintendency in the Nineties; What Superintendents and Board Members Need To Know. ED 327 922//
- Administrative Problems**
What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.? ED 328 398
- Administrator Attitudes**
The Concerns of the Marketing Education Profession. ED 327 678
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form. ED 327 911
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
Vocational Education: The Issue Is Access. ED 327 720
- Administrator Characteristics**
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form. ED 327 911
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978
- Administrator Education**
An Innovative Principal Preparation Program: A Structural Approach. ED 327 974
Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach. ED 328 396
A Regional On-Site Administrator Preparation Program. ED 327 913
- Administrator Effectiveness**
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report. ED 327 950
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District. ED 328 290
- Administrator Evaluation**
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
- Administrator Qualifications**
Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market. ED 327 940
A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals. ED 327 973
- Administrator Responsibility**
School System Administration: A Strategic Plan for Site-Based Management. ED 327 921//
The Superintendency in the Nineties; What Superintendents and Board Members Need To Know. ED 327 922//
- Administrator Role**
How Advisers View Changes in the High School Press in the Post-Hazelwood Era. ED 327 877
Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM. ED 328 655
The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report. ED 327 945
- Administrator Selection**
The Board and the President. ED 328 207//
A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals. ED 327 973
Selecting a Superintendent. ED 327 926
- Administrators**
Twenty-Fourth Annual Rank-Order Distribution of Administrative Salaries Paid, 1990-91. ED 328 144
- Admission Criteria**
Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course. ED 328 579
- Adolescent Development**
Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III. ED 327 793
- Adolescent Literature**
Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures. ED 327 859
- Adolescents**
Case Management of Adolescents with Chronic Disease. ED 327 721
Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV. ED 327 794
Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas. ED 328 657
Middle Grades Teacher Preparation: A Future Focus. ED 328 547
Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents. ED 327 800
Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III. ED 327 793
Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood. ED 327 806
Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II.
- Adult Literacy**
Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 792
Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 795
- Adopt A School**
Penn State-Behrend/Diehl Elementary School Adopt-A-School Program. ED 328 130
- Adoption**
[Adoption]. ED 328 014
- Adult Basic Education**
Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless. ED 327 731
A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report. ED 327 697
Functional Illiteracy and Adult Basic Education in the Netherlands. UTE Studies on Functional Illiteracy in Industrialized Countries 5. ED 327 671//
Profiles of State Programs: Adult Education for the Homeless. ED 327 730
Review of Evaluation Procedures Used in Project POWER. ED 327 645
Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace. ED 327 689
Workplace Literacy Partnerships Program. Final Performance Report. ED 327 634
- Adult Children**
Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings. ED 327 787
- Adult Dropouts**
Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48. ED 327 722
Dropout in Technician Engineering Courses. An Exploratory Study of Dropout from New Zealand Certificate in Engineering Courses. ED 327 725
- Adult Education**
Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078
Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students. ED 327 666
Higher Education and Adult Demography. ED 328 139
Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91. ED 328 143
Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education. ED 327 665
- Adult Learning**
ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39. ED 327 692
- Adult Literacy**
Adult ESL Suggested Materials List. ED 328 104
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons.

- ED 327 650
Adult Literacy for Development: The Logic and Structure of Economic Motivations.
- ED 327 648
ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39.
- ED 327 692
Computer Speech Devices for Adult Literacy Skills. Final Report.
- ED 327 694
Efforts to Help Parents of LEP Students Take Many Forms.
- ED 328 099
The Essential Theory of Literacy and Its Implications for Programming and Evaluation.
- ED 327 649
An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners.
- ED 328 267
Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342.
- ED 327 736
Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide.
- ED 327 653
Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report.
- ED 327 696
A Report on the Social Context Model of Adult Literacy.
- ED 327 809
Review of Evaluation Procedures Used in Project POWER.
- ED 327 645
Workplace Literacy Partnerships Program. Final Performance Report.
- ED 327 634
- Adult Students**
Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students. ED 327 666
Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education. ED 327 665
100 Ways Colleges Serve Adults. ED 328 159//
- Adult Vocational Education**
Tractor Trailer Driver's Training Programs. Performance Report. ED 327 698
- Adults**
Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin. ED 327 805
- Advertisements**
Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution. ED 327 899
- Advertising**
Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time. ED 327 880
Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution. ED 327 899
- Advocacy**
Action: A Manual To Help You Organize. This Means War! And We Do Mean Business. ED 327 994
The Case Management Team: Building Community Connections. ED 327 993
Self Determination National Conference (Arlington, Virginia, January 9-10, 1989). ED 327 995
- Aerobics**
Reflections on Psychotherapy and Aerobic Exercise. ED 327 762
- Aerospace Education**
Exploring Aeronautics and Space Technology. Teacher Edition. ED 327 660
- Aerospace Technology**
Exploring Aeronautics and Space Technology. Teacher Edition. ED 327 660
- Affective Behavior**
How Emotional Are Males and Females around Others? ED 327 798
Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors. ED 328 563
- Africa**
Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100. ED 328 482
Teachers and National Development with Special Reference to Family Life Education. ED 328 517
UNESCO and Africa. ED 328 490
- African Americans**
The African American Woman. Runta (Truth). ED 328 638
Jesse Jackson: Still Fighting for the Dream. ED 328 660//
Martin Luther King, Jr.: The Dream of Peaceful Revolution. ED 328 661//
The Price: A Study of the Costs of Racism in America. ED 328 650
Stalling Out: The Relative Progress of African Americans. ED 328 653
Stony the Road They Trod: The African American Male. Runta (Truth). ED 328 637
- African Studies**
Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100. ED 328 482
- Afro Americans**
Black Students: Psychosocial Issues and Academic Achievement. ED 328 624
- After School Education**
Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
- After School Programs**
Project GOLD (Garfield Options for Leadership Development). ED 328 118
- Age Differences**
A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education. ED 328 157
Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173. ED 328 065
- Agency Cooperation**
Collaborations in Action: Reshaping Services for Young Children and Their Families. ED 328 363
Cooperative Approaches to Respite Planning and Development. ED 328 008
A Curriculum Framework for Secondary-Aged Handicapped Students. ED 328 039
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations. ED 327 642
Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report. ED 328 554
- Agency Role**
The International Association for the Evaluation of Educational Achievement. ERIC Digest.
- Aggression**
Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly. ED 327 747
- Aging (Individuals)**
The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers. ED 327 674
Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education. ED 327 673
Special Problems of the Elderly. ED 327 758
- Agricultural Production**
America's Growing Dilemma: Pesticides in Food and Water. ED 328 420//
Aquaculture. Teacher Edition. ED 327 657
Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report. ED 328 377
Peace Corps Aquaculture Training Manual. Training Manual T0057. ED 327 732
- Agriculture**
Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia). ED 328 376
- Air Conditioning**
Competency Index for Air Conditioning and Refrigeration Programs in Missouri: A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 635
Residential and Light Commercial HVAC. Teacher Edition. ED 327 659
- Alarm Systems**
Signaling for Help. PAM Repeater, No. 56. ED 328 018
- Alberta**
Science 10. Course of Studies, Draft. ED 328 415
- Alcohol Abuse**
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173
A Consumer's Guide to Alcohol and Other Drug Surveys. ED 327 776
Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning. ED 327 754
Motivational Determinants of Alcohol Use: A Theory and Its Applications. ED 327 759
Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide. ED 327 753
- Alcohol Education**
Portland Peers Project. Interim Evaluation Report, 1989-90. ED 327 769
- Alcoholism**
Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
Motivational Determinants of Alcohol Use: A Theory and Its Applications. ED 327 759
- Algebra**
Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407
- Algorithms**

Subject Index

Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61.

ED 328 217

Allied Health Occupations Education

Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.

ED 328 297

Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2.

ED 328 306

Allied Health Personnel

Continuing Education for Change. WHO Regional Publications, European Series, No. 28.

ED 327 639

Alternative Teacher Certification

Teacher Education and Mentoring Program: Program Design and Research Results.

ED 328 540

Alumni

Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7.

ED 328 300

Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients.

ED 328 327

Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3.

ED 328 307

Alumni Associations

The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7.

ED 328 237

America 2000

America 2000: An Education Strategy. Sourcebook.

ED 327 985

American Indian Culture

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

ED 328 393

American Indians

Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help?

ED 328 388

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.

ED 328 032

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

ED 328 393

Americans with Disabilities Act 1990

The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.

ED 327 774

A Guide to the Employment Section of the Americans with Disabilities Act 1990.

ED 327 748

Analysis of Variance

Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study.

ED 328 619

Anchorage School District AK

Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.

ED 327 912

Ancillary School Services

Access, Equity, and Opportunity. Women in Machining: A Model Program.

ED 327 718

An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families.

ED 328 089

A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10.

ED 328 238

Androgyny

RIE JUN 1991

The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.

ED 328 562

Anglo Americans

Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report.

ED 328 377

Anthropology

The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm.

ED 328 503

Antisocial Behavior

Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception.

ED 327 803

Apple II

How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom.

ED 328 427//

AppleWorks

AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0.

ED 328 243

Apprenticeships

Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report.

ED 327 699

Minority High School Student Research Apprentice Program.

ED 328 121

The Readability of Trade Examinations.

ED 327 726

Training for Work: What the U.S. Can Learn from Europe.

ED 327 641

Aptitude Tests

Gender Bias and Fairness. ERIC Digest.

ED 328 610

Measuring Aptitude. ERIC Digest.

ED 328 608

Aquaculture

Aquaculture. Teacher Edition.

ED 327 657

Aqua-Topics. Aquaculture for Youth and Youth Educators.

ED 328 434

Peace Corps Aquaculture Training Manual. Training Manual T0057.

ED 327 732

Arabs

My Cousin the Arab.

ED 327 848

Architectural Education

Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida.

ED 328 168

Archives

Administration of Preservation Programs in Archives. A Selective Bibliography. ALIC Bibliography 1990-4.

ED 328 249

ALIC Acquisitions List Covering the Period October 1, 1989 to March 31, 1990. Volume 1990(1), Issue 9.

ED 328 250

CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada.

ED 328 247

CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3.

ED 328 248

The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990.

ED 328 264

Disaster Planning. ALIC Bibliography 1990-1.

ED 328 246

Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Num-

Asia Pacific Region

171

ber 4.

ED 328 266

Arithmetic

The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13.

ED 328 463

Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.

ED 327 706

Measurement Conversions: English and Metric Systems. Fundamentals of Occupational Mathematics. Module 9.

ED 327 708

Order of Operations. Fundamentals of Occupational Mathematics. Module 12.

ED 327 711

Place Value. Fundamentals of Occupational Mathematics. Module 1.

ED 327 700

Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.

ED 327 707

Arizona

Arizona Competency-Based Guidance. Program Development Workbook.

ED 327 780

Arizona Competency-Based Guidance. Program Handbook.

ED 327 781

Arizona Dramatic Arts Essential Skills.

ED 328 471

Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona.

ED 327 779

Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline.

ED 327 983

Art Education

Arizona Dramatic Arts Essential Skills.

ED 328 471

Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22.

ED 328 512

A Guide to Curriculum Planning in Arts for EEN [Exceptional Educational Needs] Students. Bulletin No. 0410.

ED 328 038

"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.

ED 328 511

Art Expression

Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials.

ED 328 364

Articulation (Education)

Articulation Models for Vocational Education. Information Series No. 343.

ED 327 737

Strengthening Student Transfer and Articulation within the University of Nevada System.

ED 328 330

Artificial Intelligence

How Computers Are Used in the Teaching of Music and Speculations about How Artificial Intelligence Could Be Applied to Radically Improve the Learning of Compositional Skills. CITE Report No. 6.

ED 328 480

Intelligent Computer-Aided Instruction and Musical Performance Skills. CITE Report No. 18.

ED 328 483

A Knowledge-Based Tutor for Music Composition. CITE Report No. 16.

ED 328 484

Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38.

ED 328 485

Artificial Speech

Computer Speech Devices for Adult Literacy Skills. Final Report.

ED 327 694

Asia Pacific Region

Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989).
ED 328 505

Asian American Students

Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68.
ED 328 644

Asian Americans

Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68.
ED 328 644

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.
ED 328 031

Aspira Inc

Latinos and the Dropout Crisis: The Community Solution.
ED 328 639

Assistive Devices (for Disabled)

Library Programs. Library Programs for the Handicapped. Fiscal Year 1987.
ED 328 278

Sewing: Easier with Adaptations. PAM Repeater, No. 54.
ED 328 017

Signaling for Help. PAM Repeater, No. 56.
ED 328 018

Technological Adaptations To Increase Independence. Instructor's Guide.
ED 327 998

Associate Degrees

The Origins and Rise of Associate Degree Nursing Education.
ED 328 154//

Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89.
ED 328 331

Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.
ED 328 328

Astronomy

The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990.
ED 328 429

At Risk Persons

[Adoption].
ED 328 014

An AIDS Hotline: Primary Prevention in the Community.
ED 327 801

Early Childhood Education for At-Risk Children: A National Perspective.
ED 328 367

Independent Learning Activities in Science for Students At-Risk.
ED 328 457

Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth.
ED 327 756

The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents.
ED 327 800

Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children.
ED 328 358

Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools. A Guidebook.
ED 327 937

Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.
ED 328 656

[Supporting Culturally Diverse Families with Infants and Toddlers].
ED 328 013

Athletes

Athletes Coaching Teens (ACT) for Substance Abuse Prevention.
ED 328 119

Backboards & Blackboards: CoCollege Athletes and Role Engulfment.
ED 328 007

Athletics

Physical Education. Alabama Course of Study.
ED 328 526

Softball for Boys and Girls. Skills Test Manual.
ED 328 525

Atlanta Public Schools GA

An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.
ED 328 582

Atlantic Science Curriculum Project

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1.
ED 328 459

Attendance

STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind.
ED 328 293

Attendance Patterns

Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.
ED 328 328

Attitude Change

Logicity and Emotionality in Argumentation.
ED 327 895

Attitude Measures

Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators.
ED 327 887

Attitudes and the Prediction of Behavior: A Meta-analysis.
ED 327 751

Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data.
ED 328 591

A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination.
ED 328 558

Attitudes

Attitudes and the Prediction of Behavior: A Meta-analysis.
ED 327 751

Attribution Theory

Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception.
ED 327 803

Psychological and Ethical Implications of Causal Theories of Sexual Orientation.
ED 327 767

Audio Equipment

Microphones and Educational Media.
ED 328 209

Audiographics

Audiographics Distance Learning: A Resource Handbook.
ED 328 384

Audiotape Recordings

Copyright & Home Copying. Technology Challenges the Law.
ED 328 262

Audiovisual Aids

C-Span in the American Government Classroom.
ED 328 477

Audiovisual Communications

The Integration of Teleconferencing in Distance Teaching.
ED 328 227

Augmentative Communication Systems

Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making.
ED 328 005

Research on the Communication Development of Young Children with Deaf-Blindness.
ED 328 007

Australia

Distance Language Learning: A Survey of Stu-

dents Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12.
ED 328 239

Feminism for Girls: Linguistic Practice in Rural Australia.
ED 328 063

The Nature of "Exemplary" Science Teachers: Implications for Teacher Education.
ED 328 430

Australia (Victoria)

Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book.
ED 328 053

Authentic Assessment

The Case for Authentic Assessment. ERIC Digest.
ED 328 611

Authentic Reading Assessment

Authentic Reading Assessment. ERIC Digest.
ED 328 607

Authentic Writing Assessment

Authentic Writing Assessment. ERIC Digest.
ED 328 606

Authoring Aids (Programing)

[Papers of the ELF Project].
ED 328 211

Automation

Industrial Automation Mechanic Model Curriculum Project. Final Report.
ED 327 693

Bachelors Degrees

BSIT Program: A Non-Traditional Learning Opportunity.
ED 328 123

Bar Mitzvah

Divorce and Bar Mitzvah: A First Look.
ED 327 742

Basal Reading

The Effects of Directed Writing Activities on Reading Comprehension Performance.
ED 327 828

A Guide to Selecting Basal Reading Programs.
ED 327 835

Basic Skills

Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless.
ED 327 731

Arizona Dramatic Arts Essential Skills.
ED 328 471

Child Development and the Tool Subjects in Rural Areas. Yearbook 1941.
ED 328 371

College Learning Strategies: A Retention Model for At-Risk Students.
ED 327 825

Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.
ED 328 321

Profiles of State Programs: Adult Education for the Homeless.
ED 327 730

Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.
ED 327 845

What Do Workers Have To Say? Skills & Technological Change.
ED 327 719

Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R.
ED 328 317

Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace.
ED 327 689

Bat Mitzvah

Divorce and Bar Mitzvah: A First Look.
ED 327 742

Battered Women

Subject Index

- Handbook for Domestic Violence Victims.
ED 327 777
- Prescribed Exercise Behavior in the Treatment of Spouse Abuse.
ED 327 766
- Beginning Reading**
Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.
ED 327 827
- Literacy: The Impact of Technology on Early Reading.
ED 327 832
- Beginning Superintendents**
The Superintendency in the Nineties; What Superintendents and Board Members Need To Know.
ED 327 922//
- Beginning Teacher Induction**
A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988.
ED 328 528
- Teacher Induction Partnerships Program.
ED 328 124
- Beginning Teachers**
Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills.
ED 328 515
- Providing Skills and Competencies for Beginning Teachers.
ED 328 535
- Behavior Management**
Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000
- Behavior Modification**
Childhood Obesity. ERIC Digest.
ED 328 556
- Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception.
ED 327 803
- Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students.
ED 328 163
- Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000
- Behavior Patterns**
Attitudes and the Prediction of Behavior: A Meta-analysis.
ED 327 751
- Mass Communication Effects: A Weakness Theorem.
ED 327 901
- A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report.
ED 327 944
- Behavior Problems**
Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000
- Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).
ED 327 987
- Behavior Rating Scales**
Attitudes and the Prediction of Behavior: A Meta-analysis.
ED 327 751
- Behavioral Objectives**
Arizona Comprehensive Health Essential Skills.
ED 328 557
- Pneumatics.
ED 327 716
- Beliefs**
Spiritual Centeredness as a Tool for Positive Mental Health.
ED 327 789
- Bibliographic Databases**
A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions.
ED 327 789

Bridenthal Internship in Teaching Program

173

- ED 328 199
- Bilingual Education**
Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project.
ED 328 090
- Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project.
ED 328 091
- Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project.
ED 328 092
- Transdisciplinary Teaming. Module 5. Bilingual/ESOL Special Education Collaboration and Reform Project.
ED 328 094
- Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project.
ED 328 093
- Bilingual Education Programs**
Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report.
ED 328 064
- Bilingual Students**
Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.
ED 327 827
- Bilingualism**
An Interview with Werner F. Leopold.
ED 328 056
- Biology**
Biology Textbooks 1990: The New Generation.
ED 328 431
- Cycles of Nature. An Introduction to Biological Rhythms.
ED 328 446
- The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level.
ED 328 414
- Biotechnology**
Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia).
ED 328 376
- Birth Rate**
Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series.
ED 328 600
- Black Colleges**
Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session.
ED 328 206
- Racial Issues on Campus: How Students View Them.
ED 328 180
- Black Education**
Adjustments in Rural Education.
ED 328 373
- Black Students: Psychosocial Issues and Academic Achievement.
ED 328 624
- Black Employment**
Stony the Road They Trod: The African American Male. Runta (Truth).
ED 328 637
- Black History**
Jesse Jackson: Still Fighting for the Dream.
ED 328 660//
- Martin Luther King, Jr.: The Dream of Peaceful Revolution.
ED 328 661//
- Black Leadership**
- Jesse Jackson: Still Fighting for the Dream.
ED 328 660//
- Martin Luther King, Jr.: The Dream of Peaceful Revolution.
ED 328 661//
- Black Population Trends**
Stalling Out: The Relative Progress of African Americans.
ED 328 653
- Black Stereotypes**
Stony the Road They Trod: The African American Male. Runta (Truth).
ED 328 637
- Black Students**
The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students.
ED 328 647
- Predictors of Intention To Take Precautions against AIDS among Black College Students.
ED 327 807
- Project GOLD (Garfield Options for Leadership Development).
ED 328 118
- Racial Issues on Campus: How Students View Them.
ED 328 180
- Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials.
ED 328 364
- The Recruitment and Retention of Minority Trainers in University Affiliated Programs-African-Americans.
ED 328 033
- Richmond Area Young Scholars Program.
ED 328 120
- Trends in the Postsecondary Enrollment of Minorities.
ED 328 112
- 1990 Statistical Report.
ED 328 117
- Blacks**
The African American Woman. Runta (Truth).
ED 328 638
- Black Americans and Public Policy: Perspectives of the National Urban League.
ED 328 651
- Some African American and Hispanic Voices from the University of Toledo. A Monograph.
ED 328 153
- Blooms Taxonomy**
Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School.
ED 328 465
- Board Administrator Relationship**
The Board and the President
ED 328 207//
- To Hold in Trust.
ED 328 193
- Board of Education Role**
Selecting a Superintendent.
ED 327 926
- Boards of Education**
Selecting a Superintendent.
ED 327 926
- Boat Operators**
Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries.
ED 327 733
- Books**
A Plan To Reduce Library Book Losses.
ED 328 282
- Brazil**
Children's Failure To Read: Learner Deficit or Task Artifact?
ED 327 813
- Bridenthal Internship in Teaching Program**
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third

- Year.**
ED 328 523
- British Broadcasting Corporation**
Cognitive Structures in BBC Financial Reports.
ED 328 084
- British Infant Schools**
Theoretical Orientation of British Infant School Teachers.
ED 327 823
- Budgeting**
Forecasting Enrollment in a Period of Institutional Transition. AIR Conference Paper.
ED 328 134
- Budgets**
Development Achievements for Fiscal 1990.
ED 328 142
- Building Trades**
Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 637
Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report.
ED 327 699
- Burnout**
Communication Techniques for Individual and Organizational Coping with Job Burnout.
ED 327 896
- Business Communication**
Assumptions about Literacy Underlying an Employee Newsletter.
ED 327 861
Business French: Cultural Content and Implications.
ED 328 075
- Business Cycles**
Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.
ED 328 625
- Business Education**
Voices and Preppies. The Winner in Written Communication Skills Is...
ED 327 644
- Business Role**
The Challenge of Education: No Time To Waste, No Room, for Failure.
ED 328 633
- Cable Television**
C-Span in the American Government Classroom.
ED 328 477
- Calculators**
Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3.
ED 327 702
Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6.
ED 327 705
Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5.
ED 327 704
Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4.
ED 327 703
Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.
ED 327 706
Order of Operations. Fundamentals of Occupational Mathematics. Module 12.
ED 327 711
Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.
ED 327 710
- California**
The Changing History-Social Science Curriculum: A Booklet for Parents.
ED 328 468
- California (Oakland)**
Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.
ED 328 643
- Cambridge Public Schools MA**
The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4.
ED 327 925
- Campus Child Care**
Campus Children's Centers: Two Decades of Ferment.
ED 328 343
- Campuses**
Campus Child Care: Diverse and Changing.
ED 328 344
- Canada**
Alternative Models for Integration of Exceptional Students: Administrative and Research Implications.
ED 328 041
Description of Child Care Training Programs in Canadian and International Jurisdictions.
ED 328 348
Insights from the French Immersion Experience in Canada.
ED 328 061
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee.
ED 327 633
- Canadian Centre Info Documentation on Archives**
CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada.
ED 328 247
- Cancer**
Making Health Communication Programs Work. A Planner's Guide.
ED 327 898
- Capital Outlay (for Fixed Assets)**
Methods of Financing Educational Facilities in the United States.
ED 327 916
What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.?
ED 328 398
- Career Awareness**
Promoting Fun in Physics.
ED 328 122
- Career Choice**
An Academic Career: It Could Be for You.
ED 328 425//
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridethal Interns-Third Year.
ED 328 523
The Rural Career Assistance Program: An Implementation Guide.
ED 327 664
Teaching Assessment Workshop Project 30.
ED 328 522
Thinking about College Teaching.
ED 328 174
- Career Counseling**
A Career Development Module for Standardized Group Testing. Career Guidance Project, 1988-1989.
ED 327 783
Career Information Module for G&C 530, Career Development and Information Services.
ED 327 750
Self/Career Development: A Helping Role for the School Counselor.
ED 327 746
The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.
ED 327 744
Vocational Education: The Issue Is Access.
ED 327 720
- Career Development**
A Career Development Module for Standardized Group Testing. Career Guidance Project, 1988-1989.
ED 327 783
- Career Guidance Strategies for Student Affairs Professionals.**
ED 327 749
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345.
ED 327 739
The Rural Career Assistance Program: An Implementation Guide.
ED 327 664
Self/Career Development: A Helping Role for the School Counselor.
ED 327 746
The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.
ED 327 744
- Career Exploration**
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345.
ED 327 739
- Career Guidance**
Career Guidance Strategies for Student Affairs Professionals.
ED 327 749
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.
ED 327 676
Self/Career Development: A Helping Role for the School Counselor.
ED 327 746
The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.
ED 327 744
- Career Information Systems**
Career Information Module for G&C 530, Career Development and Information Services.
ED 327 750
The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.
ED 327 744
- Career Ladders**
An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program.
ED 328 542
- Career Planning**
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345.
ED 327 739
The Rural Career Assistance Program: An Implementation Guide.
ED 327 664
- Careers**
Majoring in the Rest of Your Life. Career Secrets for College Students.
ED 328 183//
South Carolina Guide for Child Development.
ED 328 368
- Caregivers**
How To Develop an Individual Plan. Instructor's Guide.
ED 327 999
How To Position People with Severe Disabilities. Instructor's Guide.
ED 328 001
Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000
Technological Adaptations To Increase Independence. Instructor's Guide.
ED 327 998
- Carpentry**
Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report.
ED 327 695
- Case Management**
The Case Management Team: Building Community Connections.
ED 327 993
- Caseworker Approach**
Case Management of Adolescents with Chronic
RIE JUN 1991

Subject Index

- Disease.** ED 327 721
- Cataloging**
Automated Authority Control in ARL Libraries. SPEC Kit #156. ED 328 254
Reflections on International Bibliographic Standards. ED 328 283
- Catholic Schools**
Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors. ED 328 563
To Hold in Trust. ED 328 193
The Variable Effects of Tracking: Inequality and Productivity in American High Schools. ED 328 632
- Causal Models**
Motivational Determinants of Alcohol Use: A Theory and Its Applications. ED 327 759
- Censorship**
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894
- Certification**
Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market. ED 327 940
- Change Strategies**
Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform. ED 328 156//
Bigotry on Campus: A Planned Response. ED 328 108
Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 106//
Effective Management of Supported Employment. NARF Technical Assistance Series. ED 328 020
A Guide to Public School Cooperation Committees in Pennsylvania. ED 327 982
Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9. ED 328 197//
Managing Instruction for Equity and Excellence: Effective Alternatives to Tracking. Teleconference Resource Guide. ED 327 956
Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 935
More Effective Schools/Teaching Project. Seventh Annual Report. ED 328 524
Women's Kit. ED 328 103
- Check Lists**
An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels. ED 328 582
- Chemistry**
Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405
Micro Labs for High School Chemistry. ED 328 395
- Chi Square**
A Brief Overview of Three Classes of Methods for Detecting Item Bias. ED 328 578
- Child Abuse**
The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults.

RJE JUN 1991

- Child and Family Protective Services**
Collaborations in Action: Reshaping Services for Young Children and Their Families. ED 327 773
- Child Caregivers**
The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes. ED 328 340
- Child Development**
Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report. ED 328 337
Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years. ED 328 354
[Infants and Toddlers]. ED 328 011
Shared Ability Analysis across Tests: A Cautionary Note. ED 328 571
- Child Development Specialists**
A Cost Free Counseling Model for High Risk Elementary Students. ED 327 788
- Child Health**
Inside the Black Box: Understanding Home Visiting Programs. ED 328 336
Kids Count Data Book. State Profiles of Child Well-Being. ED 328 553
- Child Language**
Developing a Language Program. Children and Language Series. ED 327 849
An Interview with Werner F. Leopold. ED 328 056
Parents, Children and Language. Children and Language Series. ED 327 851
A School Is a Language Place. Children and Language Series. ED 327 850
- Child Rearing**
South Carolina Guide for Child Development. ED 328 368
- Child Survival Fair Start**
Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs. ED 327 763
- Child Welfare**
Caring for Iowa's Children. ED 328 475
Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs. ED 327 763
- Children**
Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
- Children of Alcoholics**
Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
- Children's Literature**
The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
Children and Books. Children and Language Series. ED 327 852
Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29. ED 327 864
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature. ED 327 838
My Cousin the Arab. ED 327 848
Notable 1989 Children's Trade Books in the Field

Class Activities

175

- of Social Studies. ED 328 510
Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress. ED 328 288
"Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach. ED 327 840
- Chile**
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters. ED 328 502
- China**
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons. ED 327 650
Adult Literacy for Development: The Logic and Structure of Economic Motivations. ED 327 648
A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions. ED 328 199
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985). ED 328 559
- Choice Behavior**
Read My Lips: It's My Choice... ED 327 996
- Chronic Illness**
Case Management of Adolescents with Chronic Disease. ED 327 721
- Chronobiology**
Cycles of Nature. An Introduction to Biological Rhythms. ED 328 446
- Church Related Colleges**
To Hold in Trust. ED 328 193
- Citizenship Education**
Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona. ED 327 779
The Civic Achievement Award Program in Honor of the Office of the Speaker of the House of Representatives. Instructor Manual and [Student Resource Book]. Launch Edition. ED 328 466
Political Education in Hungary. ED 328 464
Value Orientation-A New Emphasis for Teacher Education in Higher Education for the 1990s. ED 328 520
- Citizenship Responsibility**
Great Decisions '86. ED 328 474
Universities and the Future of America. ED 328 151//
- Civil Disobedience**
Martin Luther King, Jr.: The Dream of Peaceful Revolution. ED 328 661//
- Civil Liberties**
Who Owns Your Land? ED 328 379
- Civil Rights**
Black Americans and Public Policy: Perspectives of the National Urban League. ED 328 651
Jesse Jackson: Still Fighting for the Dream. ED 328 660//
Martin Luther King, Jr.: The Dream of Peaceful Revolution. ED 328 661//
- Class Activities**
Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture.

- Conservation Education in Rural Schools. Yearbook. February 1943. ED 328 636
- The Newspaper as an Effective Teaching Tool: A Brief Introduction to the Newspaper in Education Concept. Revised. ED 328 369
- Semantic Feature Analysis: Classroom Applications. Reading Aids Series. ED 327 869
- Student Attitude toward Selected Instructional Strategies. ED 327 820
- ED 327 843

Class Rank

- The Quality of Education Graduates Compared to Graduates Not Completing Certification. ED 328 545

Class Size

- Junior School Class Size: Where Are We Now? Item 8. Set Number One. ED 328 362
- Looking Left, Then Right: Administering the Wyoming Resolution. ED 327 867
- More Teachers, Fewer Pupils: A Study of the 1:20 Teacher-Pupil Ratio Policy in the Junior School. ED 327 967
- The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990). ED 328 356

Classification

- Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449
- Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451
- Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588

Classroom Communication

- Classroom Discourse: Questions, Quarrels, and Inspections. ED 328 544
- Communication Competency through Faculty Development. ED 327 909
- Comprehension and Communicative Evidence in Operative Mathematics Instruction. ED 328 087
- Interactional Problem-Solving in Mathematics Lessons: A Transcript Analysis. ED 328 086
- Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications. ED 328 079
- A Study of Instruction as Discourse. ED 328 516

Classroom Environment

- An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels. ED 328 582
- Piled Higher and Deeper: The Folklore of Campus Life. ED 328 170//
- Reading Groups: Problems, Solutions. ED 327 833
- School "Culture," Motivation, and Achievement. Project Report. ED 327 949
- A School Is a Language Place. Children and Language Series. ED 327 850
- Teaching Diverse Students: Cases and Commentaries. ED 328 552

Classroom Techniques

- Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292
- Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline. ED 327 983
- Cooperative Discipline: Classroom Management

that Promotes Self-Esteem.

- Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990. ED 328 555//

STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind. ED 328 293

Students with Disabilities: A Guide for Faculty and Staff. ED 328 107

CLEAR Reading Recovery Program

Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report. ED 327 821

Clearinghouses

Catalog of ERIC Clearinghouse Publications. ED 328 260

Cleveland State University OH

The Greater Cleveland Educational Development Center, College of Education, Cleveland State University. ED 328 125

Clinical Diagnosis

A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay. ED 327 986

Clinical Schools

RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project. ED 328 550

Clothing

A Source of Distractions in the Classroom: The Teacher. ED 328 536

Clothing Design

Sewing: Easier with Adaptations. PAM Repeater, No. 54. ED 328 017

Clubs

Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128

Cluster Analysis

Applying Empirical Analyses to the Evaluation of Test Content. ED 328 621

Coast Guard

Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries. ED 327 733

Cognitive Ability

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance. ED 328 593

Cognitive Development

Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//

Cognitive Measurement

Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project. ED 328 268

Cognitive Processes

A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes. ED 328 036

The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training. ED 328 561

The Different Forms of Learning in Psychology and Education. CITE Report No. 24. ED 328 481

Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York,

New York, February 1986).

Suggestopedia: Activating the Student's Reserve Capacities. ED 328 068

Toru Matsumoto's "Think in English" Approach. ED 328 080

Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38. ED 328 485

Cognitive Psychology

Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students. ED 328 163

Cognitive Restructuring

Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students. ED 328 163

Cognitive Structures

Cognitive Structures in BBC Financial Reports. ED 328 084

Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//

Cognitive Style

Classroom Instructional Design: Options for Teacher/Student Interaction. ED 328 521

The Relationship of Cognitive Style to Academic Performance among Dental Students. ED 328 205

Cognitive Tests

Computer-Based Assessment of Cognition: The ETS Factor Kit. ED 328 587

Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2. ED 328 581

Collaborative Learning

Collaborative Learning: A No-Lecture Method of Teaching English. ED 327 866

Collaborative Testing

The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students. ED 328 573

Collective Bargaining

Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum. ED 327 686

College Administration

Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//

Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9. ED 328 197//

College Admission

Get Organized! Fiske's Unbeatable System for Applying to College. ED 328 109//

100 Ways Colleges Serve Adults. ED 328 159//

College and Research Libraries (Journal)

What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing. ED 328 245

College Applicants

Get Organized! Fiske's Unbeatable System for Applying to College. ED 328 109//

College Athletics

Athletics and Academics: An Anatomy of Abuses and a Prescription for Reform. ED 328 156//

College Attendance

RIE JUN 1991

Subject Index

- School Dropouts: A Two-Generation Problem. Public Policy Research Series. ED 328 631
- College Bound Students**
Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128
Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R. ED 328 317
- College Choice**
Get Organized! Fiske's Unbeatable System for Applying to College. ED 328 109//
Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?" ED 328 140
- College Curriculum**
Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 106//
- College Entrance Examinations**
Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990. ED 328 323
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989. ED 328 321
Life with the SAT: Assessing Our Young People and Our Times. ED 328 622//
Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course. ED 328 579
State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985). ED 328 559
- College Environment**
Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172
Piled Higher and Deeper: The Folklore of Campus Life. ED 328 170//
The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College. ED 327 900
- College Faculty**
Classroom Discourse: Questions, Quarrels, and Introspections. ED 328 544
Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
Departmental Issues in Dual-Academic Marriages. ED 327 743
Focus on Faculty Service. ED 328 113
NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192
The Racial Crisis in American Higher Education. ED 328 135//
Responding to Our Response: Student Strategies for Responding to Teacher Written Comments. ED 328 098
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10. ED 328 303
Writing across the Entire Curriculum: A Status Report on Faculty Attitudes. ED 327 871
1990 Statistical Report. ED 328 117

College Freshmen

- Analysis of Enrollment Growth, 1985 to 1989. ED 328 320
Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990. ED 328 323
Majoring in the Rest of Your Life. Career Secrets for College Students. ED 328 183//
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165
Regional Campuses New Freshmen Survey. ED 328 329
Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R. ED 328 317

College Governing Councils

- To Hold in Trust. ED 328 193

College Graduates

- An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update. ED 328 551
Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304
Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8. ED 328 301
Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 306
Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299
Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335
The Quality of Education Graduates Compared to Graduates Not Completing Certification. ED 328 545
Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients. ED 328 327
Report on Career Placement and External Transfer of 1989 Graduates. ED 328 314

College Instruction

- College Learning Strategies: A Retention Model for At-Risk Students. ED 327 825
Teaching about AIDS/HIV Disease to College Students. ED 327 761
Thinking about College Teaching. ED 328 174

College Level Academic Skills Test

- What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319

College Mathematics

- A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409

College Outcomes Assessment

- Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students. ED 327 666
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores. ED 328 145
Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education. ED 327 665
Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3. ED 328 307

College School Cooperation

177

College Planning

- Forecasting Enrollment in a Period of Institutional Transition. AIR Conference Paper. ED 328 134

College Preparation

- Factors That Affect Success in Nursing. Research Report No. 89-28R. ED 328 316
High School Preparation as Viewed by Students in Miami-Dade Community College English Classes. ED 328 333
Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332
Strive Toward Excellence Program. ED 328 126

College Presidents

- The Board and the President. ED 328 207//

College Programs

- Career Guidance Strategies for Student Affairs Professionals. ED 327 749
Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172
Project GOLD (Garfield Options for Leadership Development). ED 328 118
Promoting Fun in Physics. ED 328 122
The Role of the University in Trade and Industrial Education Credentialing. ED 327 646
Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report. ED 327 695

College Role

- Commitment to Higher Education: Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno. ED 328 200//
General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 315

College School Cooperation

- Articulation Models for Vocational Education. Information Series No. 343. ED 327 737
Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119
Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128
Consumer Motivated Research to Development: The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 045
The Greater Cleveland Educational Development Center, College of Education, Cleveland State University. ED 328 125
Join the Club! A New Approach to the Traditional Reading Clinic. ED 327 819
Penn State-Behrend/Diehl Elementary School Adopt-A-School Program. ED 328 130
Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
A Regional On-Site Administrator Preparation Program. ED 327 913

- Richmond Area Young Scholars Program.
ED 328 120
Teacher Induction Partnerships Program.
ED 328 124
Tomorrow's Schools: Principles for the Design of Professional Development Schools.
ED 328 533
Western Massachusetts Five College/Public School Partnership.
ED 328 152

College Science

- An Academic Career: It Could Be for You.
ED 328 425//
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level.
ED 328 414

An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education.
ED 328 440

Innovations in College Science Teaching.

- ED 328 437
Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role.
ED 328 428
The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990.
ED 328 429

College Segregation

- The Racial Crisis in American Higher Education.
ED 328 135//

College Seniors

- Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data.
ED 328 591

College Students

- Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.
ED 327 907

The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.
ED 328 562

Do College Students Who Plan before Writing Score Better on Essay Exams?
ED 327 868

An Evaluation of the Effects of Parental Divorce on College Students.
ED 327 908

Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores.
ED 328 145

Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students.
ED 328 163

The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
ED 328 618

Responding to Our Response: Student Strategies for Responding to Teacher Written Comments.
ED 328 098

Smoking Outcome Expectancies among College Students.
ED 327 799

Test Validity and Language Background: A Study of Hispanic American Students at Six Universities.
ED 328 623//

Trends in the Postsecondary Enrollment of Minorities.
ED 328 112

College Transfer Students

- Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7.
ED 328 300

Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11.
ED 328 304

Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89.
ED 328 331

Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3.
ED 328 307

Strengthening Student Transfer and Articulation within the University of Nevada System.
ED 328 330

Colleges

Campus Child Care: Diverse and Changing.
ED 328 344

Campus Children's Centers: Two Decades of Ferment.
ED 328 343

Ethics in the University.
ED 328 169

Collegiality

Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum.
ED 327 686

Collins (Marva)

Marva Collins' Way. Second Edition.
ED 328 629//

Colorado (San Luis Valley)

Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report.
ED 328 377

Columbus Public Schools OH

Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.
ED 327 821

Commitment

A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report.
ED 327 944

Teachers Commitment and Job Satisfaction. Project Report.
ED 327 951

Common Core of Data Program

Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report.
ED 328 592

Commonality Analysis

Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis.
ED 328 589

Commonwealth Schools Commission (Australia)

Good Practices: A Selection. Tasmanian Government Schools and Secondary Colleges 1984-87.
ED 327 976

Communication (Thought Transfer)

A Model Information Workshop for Prospective TK Parents.
ED 328 353

Communication Aids (for Disabled)

Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making.
ED 328 005

Signaling for Help. PAM Repeater, No. 56.
ED 328 018

Communication Apprehension

The Nature and Treatment of Speech Fright.
ED 327 897

Communication Competencies

Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum.
ED 327 910

Communication Patterns

Mass Communication Effects: A Weakness Theorem.
ED 327 901

Communication Skills

Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.
ED 327 907

Communication Competency through Faculty Development.
ED 327 909

Communication Techniques for Individual and Organizational Coping with Job Burnout.
ED 327 896

Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.
ED 327 912

Index to Courseware on Advisory Lists: January 1986-November 1990.
ED 328 241

Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide.
ED 327 904

Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.
ED 327 903

Mass Communication Effects: A Weakness Theorem.
ED 327 901

The Nature and Treatment of Speech Fright.
ED 327 897

Play Activities and Emergent Language: Intervention Procedures for Young Children with Deaf-Blindness.
ED 328 006

Preschool Curriculum Guide.
ED 328 043

Research on the Communication Development of Young Children with Deaf-Blindness.
ED 328 007

Vocies and Preppies. The Winner in Written Communication Skills Is...
ED 327 644

Communication Strategies

Communication Techniques for Individual and Organizational Coping with Job Burnout.
ED 327 896

Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide.
ED 327 904

Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.
ED 327 903

The Nature and Treatment of Speech Fright.
ED 327 897

Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings.
ED 327 884

Communications

Exploring Technology Education. Second Edition. Teacher Guide.
ED 327 655

Public Relations State-of-the-Art 2000: A Shift in Perception.
ED 328 175

Communications Satellites

Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite.
ED 328 225

Exploring Aeronautics and Space Technology. Teacher Edition.
ED 327 660

Communicative Adaptability

Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.
ED 327 907

Communicative Competence (Languages)

Insights from the French Immersion Experience in Canada.
ED 328 061

Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language
ED 328 061

Subject Index

- (ICCS) English. ED 328 101
- Community Action**
Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing. ED 328 389
Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help? ED 328 388
U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide. ED 328 421//
- Community Attitudes**
General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 315
- Community Change**
Answering The "How" Question In Community Development. ED 328 386
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities. ED 328 390
- Community Characteristics**
Drug Impact Index. ED 327 775
General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 315
- Community College of Philadelphia PA**
Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language (ICCS) English. ED 328 101
- Community College of Rhode Island**
Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
- Community Colleges**
Databook and Annual Report: Maryland Community Colleges. ED 328 311
Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10. ED 328 303
- Community Cooperation**
Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide. ED 327 653
Schools as Learning Communities. Video Conference 5. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 933
- Community Development**
Answering The "How" Question In Community Development. ED 328 386
Economic Development for Small Communities and Rural Areas. ED 327 687
- Community Involvement**
Answering The "How" Question In Community Development. ED 328 386
- Community Organizations**
Latinos and the Dropout Crisis: The Community Solution. ED 328 639
- Community Planning**
Answering The "How" Question In Community Development. ED 328 386
- Community Problems**
Drug Impact Index. ED 327 775
- Community Programs**
Literacy in an Emergent Society: Papua New

R1E JUN 1991

Computer Assisted Instruction

179

- Guinea. ED 327 816
Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49. ED 328 023
- Community Resources**
Community Resources in Rural Schools. Yearbook 1939. ED 328 370
- Community Services**
Cooperative Approaches to Respite Planning and Development. ED 328 008
- Community Surveys**
Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning. ED 327 754
- Comparative Analysis**
A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families. ED 328 029
- Comparative Education**
Education in Latin America-Comparative. ED 328 504
The Nature of "Exemplary" Science Teachers: Implications for Teacher Education. ED 328 430
Women's Higher Education in Comparative Perspective. ED 328 161//
- Compatibility (Social)**
The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College. ED 327 900
- Compensation (Remuneration)**
An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update. ED 328 551
The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes. ED 328 340
Twenty-Fourth Annual Rank-Order Distribution of Administrative Salaries Paid, 1990-91. ED 328 144
- Compensatory Education**
Chapter 1 Migrant Education Program: Final Report. ED 328 640
Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report. ED 327 821
- Competence**
Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 635
Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 637
Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 636
- Competency Based Education**
Arizona Competency-Based Guidance. Program Development Workbook. ED 327 780
Arizona Competency-Based Guidance. Program Handbook. ED 327 781
Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum. ED 327 910
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345. ED 327 739
Linguist Proficiency Improvement Courses. ED 328 097
Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988). ED 327 724
- Competency Based Guidance**
Arizona Competency-Based Guidance. Program Development Workbook. ED 327 780
Arizona Competency-Based Guidance. Program Handbook. ED 327 781
- Compliance (Legal)**
Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution. ED 328 263
A Guide to the Employment Section of the Americans with Disabilities Act 1990. ED 327 748
Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth. ED 327 756
Orientation Program on Work Authorization for F-1 Thai Students at NYIT. ED 328 191
Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary. ED 328 030
- Comprehensive Programs**
Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas. ED 328 657
- Comprehensive System of Personnel Development**
Comprehensive System of Personnel Development, 1988-89 CSPD Report. ED 328 055
- Computer Assisted Instruction**
Advisory List of Computer Courseware. December 1990. ED 328 240
Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407
Annual Report, 1989-1990. ED 328 242
AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0. ED 328 243
Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51. ED 328 216
Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4. ED 328 213
Beyond Computer Planning: Managing Educational Computer Innovations. ED 327 977
A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report. ED 327 697
Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441
The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13. ED 328 463
Computer Speech Devices for Adult Literacy Skills. Final Report. ED 327 694
Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite.

- ED 328 225
Dominie: Teaching and Assessment Strategies.
CAL Research Group Technical Report No. 74.
ED 328 212
Energy and Safety: Science Activities for Elementary Students, Level II (Grades 3-4).
ED 328 411
An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners.
ED 328 267
Guided Discovery Tutoring and Bounded User Modelling. CITE Report No. 13.
ED 328 215
How Computers Are Used in the Teaching of Music and Speculations about How Artificial Intelligence Could Be Applied to Radically Improve the Learning of Compositional Skills. CITE Report No. 6.
ED 328 480
How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative.
ED 328 226
Index to Courseware on Advisory Lists: January 1986-November 1990.
ED 328 241
Intelligent Computer-Aided Instruction and Musical Performance Skills. CITE Report No. 18.
ED 328 483
Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10.
ED 328 214
Introducing New Technology: Chasing a Dream.
ED 328 208
Literacy: The Impact of Technology on Early Reading.
ED 327 832
New and Promising: Software Worth a Look. A MicroSIFT Survey of Educational Software Preview Center Coordinators. Volume II, No. 2.
ED 328 229
Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report.
ED 327 696
[Papers of the ELF Project].
ED 328 211
Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University.
ED 328 230
Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990).
ED 328 231
A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant.
ED 328 532
The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project.
ED 328 219
Who Needs Computers in Schools, and Why? CITE Report No. 73.
ED 328 234
Computer Assisted Testing
Computer-Based Assessment of Cognition: The ETS Factor Kit.
ED 328 587
Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990.
ED 328 132
Computer Aversion Scale
Construct Validity of an Instrument To Measure Computer Aversion.
ED 328 569
Computer Industry
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).
ED 328 244

- Computer Interfacing**
Software for Middle School Physical Science.
ED 328 444
Computer Literacy
Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program.
ED 328 351
Getting a Job in the Computer Age.
ED 327 778
Computer Mediated Communication
Computer Conferencing and Mass Distance Education. CITE Report No. 98.
ED 328 221
The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project.
ED 328 219
Computer Networks
Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII.
ED 328 441
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).
ED 328 244
Computer Oriented Programs
Basics of Desktop Publishing. Teacher Edition.
ED 327 658
Beyond Computer Planning: Managing Educational Computer Innovations.
ED 327 977
Computer Simulation
A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant.
ED 328 532
Computer Software
Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds.
ED 328 407
AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0.
ED 328 243
Audiographics Distance Learning: A Resource Handbook.
ED 328 384
Basics of Desktop Publishing. Teacher Edition.
ED 327 658
Computer Software Evaluation
Beyond Computer Planning: Managing Educational Computer Innovations.
ED 327 977
Computer Software Reviews
Index to Courseware on Advisory Lists: January 1986-November 1990.
ED 328 241
Software for Middle School Physical Science.
ED 328 444
Computer Software Selection
Software for Middle School Physical Science.
ED 328 444
Computer System Design
Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51.
ED 328 216
Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62.
ED 328 218
Duminie: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74.
ED 328 212
HyperTechnic-A Graphic Object-Oriented Control Language.
ED 328 210
Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85.
ED 328 220
Machine Learning and Tutoring System. Centre for Information Technology in Education Report

- No. 61.
ED 328 217
The Role of Information System for Education Planning and Management.
ED 328 285
Computer Uses in Education
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom.
ED 328 427//
Ideas for Integrating the Microcomputer with High School Science.
ED 328 443
An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.
ED 328 582
Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100.
ED 328 482
Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing.
ED 328 361
Using Computers in Reading Instruction.
ED 327 810
Computers
Construct Validity of an Instrument To Measure Computer Aversion.
ED 328 569
Concept Formation
Comprehension and Communicative Evidence in Operative Mathematics Instruction.
ED 328 087
Concept Matrix
The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training.
ED 328 561
Condoms
Condom Availability at Four-Year State Universities in the North Central Census Region.
ED 328 195
Confederated Salish and Kootenai Tribes
Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing.
ED 328 389
Confidentiality
The Confidentiality Rights of HIV-Infected Individuals within a School.
ED 327 915
Conflict Management
The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report.
ED 327 945
Conflict of Interest
Ethics in the University.
ED 328 169
Conflict Resolution
The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.
ED 328 160//
The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report.
ED 327 945
Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course.
ED 327 891
Congruence (Psychology)
Counselor Attractiveness, Similarity, and Session Impact: A Field Study.
ED 327 797
Consciousness Raising
War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women.
ED 327 768
Conservation (Environment)
Conservation Education in Rural Schools. Yearbook. February 1943.
ED 328 369
Introduction to Natural Resources. Teacher Edition
JUN 1991

Subject Index

- tion.
ED 327 656
Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989).
ED 328 380
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems.
ED 328 105
- Conservation Education**
Conservation Education in Rural Schools. Yearbook. February 1943.
ED 328 369
Introduction to Natural Resources. Teacher Edition.
ED 327 656
- Consortia**
The Greater Cleveland Educational Development Center, College of Education, Cleveland State University.
ED 328 125
Western Massachusetts Five College/Public School Partnership.
ED 328 152
- Constitutional History**
James Madison's Practical Ideals for the 1990s.
ED 328 507
Publius and the Contemporary Court.
ED 328 506
- Constitutional Law**
Regulating Racial Harassment on Campus: A Legal Compendium.
ED 328 204
- Construct Validity**
Construct Validity of an Instrument To Measure Computer Aversion.
ED 328 569
- Construction (Process)**
Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 637
Exploring Technology Education. Second Edition. Teacher Guide.
ED 327 655
Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report.
ED 327 699
- Constructivism**
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4.
ED 328 422//
- Consultation Programs**
The Greater Cleveland Educational Development Center, College of Education, Cleveland State University.
ED 328 125
- Content Analysis**
Applying Empirical Analyses to the Evaluation of Test Content.
ED 328 621
- Content Area Reading**
Helping Students Become Independent Readers.
ED 327 812
Transfer to Success.
ED 327 837
- Content Area Teaching**
Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4.
ED 328 085
Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report.
ED 328 058
- Content Area Writing**
NCTM Student Math Notes, January-December, 1990.
ED 328 413
- Context Effect**
Interpretation of Student Data: Contextual Variables and Cultural Implications.
ED 328 166

Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.
ED 328 563

Continuing Education

- Access through Innovation: New Colleges for New Students. Continuing Higher Education Series.
ED 328 178//
Continuing Education for Change. WHO Regional Publications, European Series, No. 28.
ED 327 639
Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings.
ED 327 884
PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training.
ED 327 717

Continuing Education Units

- Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91.
ED 328 143

Contraception

- Predictors of Intention To Take Precautions against AIDS among Black College Students.
ED 327 807

Conventional Instruction

- A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report.
ED 327 697

Cooperating Teachers

- Preservice Teacher Evaluation.
ED 328 530

Cooperation

- The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho.
ED 328 131

Cooperative Extension Service

- Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989).
ED 328 380

Cooperative Institutional Research Program

- UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.
ED 328 303

Cooperative Learning

- BSAP Science Teaching through Inquiry.
ED 328 454
The Case for Peers.
ED 327 755

- The Collaborative Classroom: Reconnecting Teachers and Learners, Video Conference 3. Restructuring To Promote Learning in America's Schools, A Guidebook.
ED 327 931

- Primary Guide for Instructional Planning.
ED 328 366

- STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind.
ED 328 293

Cooperative Planning

- A Guide to Public School Cooperation Committees in Pennsylvania.
ED 327 982

- It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.
ED 327 997

Cooperative Programs

- Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.
ED 328 643

- Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation.

Cost Effectiveness

181

ED 327 688
Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report.
ED 327 699

Project STARS. 1989-90. OREA Report.
ED 327 729

The School-to-Work Connection.
ED 327 675

Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report.
ED 327 695

Western Massachusetts Five College/Public School Partnership.
ED 328 152

Coordination

Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.
ED 328 643

Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education.
ED 327 691

Coping

Assessing the Process of Marital Adaptation: The Marital Coping Inventory.
ED 327 802

Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary.
ED 328 658

Copyrights

Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution.
ED 328 263

Core Curriculum

Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores.
ED 328 145

General Learning at a Women's College.
ED 328 116

Corporate Culture

Assumptions about Literacy Underlying an Employee Newsletter.
ED 327 861

Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings.
ED 327 884

Corporate Education

Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings.
ED 327 884

Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace.
ED 327 689

Corporate Support

Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990).
ED 328 645

Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide.
ED 327 653

Correctional Institutions

A Captive Audience: Debating in a Maximum Security Prison.
ED 327 883

An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners.
ED 328 267

Correlation

Canonical Correlation: Terms and Descriptions.
ED 328 567

Cost Effectiveness

Cost Efficiency of Early Education. Abstract 25: Research and Resources on Special Education.
ED 327 988

Cost Saving Techniques: What Works for Long Island School Districts.

- ED 327 938
Survey of Ohio Employers. Job Training Partnership Program Year 1988.
- ED 327 640
Counseling Services
Chapter I Migrant Education Program: Final Report.
- ED 328 640
Counseling and Guidance Program Evaluation 1990-91.
- ED 327 765
Strategies and Policies in Employee Assistance Programs.
- ED 327 772
Counseling Techniques
Counseling and Guidance for Gifted Underachievers.
- ED 328 051
Counseling and Guidance Program Evaluation 1990-91.
- ED 327 765
Prescribed Exercise Behavior in the Treatment of Spouse Abuse.
- ED 327 766
Counseling Theories
Gender Aware Therapy: Implications for Therapists and Male Clients.
- ED 327 771
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus.
- ED 327 770
Spiritual Centeredness as a Tool for Positive Mental Health.
- ED 327 789
Counselor Attitudes
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.
- ED 327 786
Counselor Certification
A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination.
- ED 328 558
Counselor Characteristics
Counselor Attractiveness, Similarity, and Session Impact: A Field Study.
- ED 327 797
Counselor Client Relationship
Counselor Attractiveness, Similarity, and Session Impact: A Field Study.
- ED 327 797
How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings.
- ED 327 787
Counselor Educators
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.
- ED 327 786
Counselor Training
A Career Development Module for Standardized Group Testing. Career Guidance Project, 1988-1989.
- ED 327 783
Career Guidance Strategies for Student Affairs Professionals.
- ED 327 749
Career Information Module for G&C 530, Career Development and Information Services.
- ED 327 750
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.
- ED 327 676
A Cost Free Counseling Model for High Risk Elementary Students.
- ED 327 788
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.
- ED 327 786
Self/Career Development: A Helping Role for the School Counselor.
- ED 327 746
Self/Career Development: Facilitating Small Group Process.

- ED 327 745
Counselors
Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.
- ED 327 804
Course Content
Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
- ED 327 635
Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
- ED 327 637
Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
- ED 327 636
Peace Corps Aquaculture Training Manual. Training Manual T0057.
- ED 327 732
Physical Education. Alabama Course of Study.
- ED 328 526
Pneumatics.
- ED 327 716
Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base.
- ED 328 339
Teaching about AIDS/HIV Disease to College Students.
- ED 327 761
Course Descriptions
Course Syllabi and Their Effects on Students' Final Grade Performance.
- ED 328 202
Course Evaluation
The Challenge of Connecting Learning, Liberal Learning and the Arts and Sciences Major. Volume 1.
- ED 328 137
Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1.
- ED 328 235
Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2.
- ED 328 138
Course Objectives
Course Syllabi and Their Effects on Students' Final Grade Performance.
- ED 328 202
Course Organization
Course Syllabi and Their Effects on Students' Final Grade Performance.
- ED 328 202
The Gift of Oration for the Gifted and Talented-Teaching Oral Communication to High School Students.
- ED 327 892
Course Selection (Students)
General Learning at a Women's College.
- ED 328 116
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
- ED 328 618
R.I.P.: Registration Involving Parents.
- ED 328 391
Courseware
Advisory List of Computer Courseware. December 1990.
- ED 328 240
Computer Speech Devices for Adult Literacy Skills. Final Report.
- ED 327 694
Index to Courseware on Advisory Lists: January 1986-November 1990.
- ED 328 241
New and Promising: Software Worth a Look. A MicroSIFT Survey of Educational Software Preview Center Coordinators. Volume II, No. 2.
- ED 328 229
Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report.

- ED 327 696
Software for Middle School Physical Science.
- ED 328 444
Court Litigation
School Officials and the Courts: Update 1990. ERS Monograph.
- ED 327 979//
Court Role
Publius and the Contemporary Court.
- ED 328 506
Creative Activities
Applause, Applause: Evaluating Creative Responses and Projects.
- ED 327 875
Creative Development
Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time.
- ED 327 880
Creative Thinking
Thinking about Thinking.
- ED 327 980
Creative Writing
Crossing the Lines: On Creative Composition and Composing Creative Writing.
- ED 327 855
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing.
- ED 327 854
Creativity
Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time.
- ED 327 880
Crisis Intervention
Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents.
- ED 327 790
Prescribed Exercise Behavior in the Treatment of Spouse Abuse.
- ED 327 766
Criterion Referenced Tests
A State-Wide Selection Model for Teacher Education-A Criterion-Related Approach.
- ED 328 518
Critical Reading
Assumptions about Literacy Underlying an Employee Newsletter.
- ED 327 861
Helping Students Become Independent Readers.
- ED 327 812
Critical Theory
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series.
- ED 328 635//
Critical Thinking
Classroom Discourse: Questions, Quarrels, and Introspections.
- ED 328 544
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores.
- ED 328 145
Meta-Analysis of Effects of Explicit Instruction for Critical Thinking.
- ED 328 614
Thinking about Thinking.
- ED 327 980
Cross Cultural Studies
Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.
- ED 327 907
Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures.
- ED 327 859
Cues
Counselor Attractiveness, Similarity, and Session Impact: A Field Study.
- ED 327 797
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness.

- Cultural Awareness**
 Celebrating Diversity: A Global Approach to Literature and World Culture. Proceedings of the Conference (Montclair, New Jersey, March 10, 1989). ED 327 741
- Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures. ED 327 857
- Cultural Background**
 Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture. ED 327 859
- Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit. ED 328 636
- Cultural Context**
 Piled Higher and Deeper: The Folklore of Campus Life. ED 328 393
- Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures. ED 328 170//
- Cultural Differences**
 Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment. ED 327 907
- A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education. ED 328 157
- My Cousin the Arab. ED 327 848
- Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49. ED 328 023
- [Supporting Culturally Diverse Families with Infants and Toddlers]. ED 328 013
- Teaching Diverse Students: Cases and Commentaries. ED 328 552
- Cultural Education**
 Business French: Cultural Content and Implications. ED 328 075
- Cultural Images**
 My Cousin the Arab. ED 327 848
- Cultural Influences**
 Black Students: Psychosocial Issues and Academic Achievement. ED 328 624
- Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- Cultural Sensitivity**
 The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes. ED 328 340
- Cultural Traits**
 A Study of Japanese and American Perceptions of Politeness in Requests. ED 328 073
- Culture Fair Tests**
 Gender Bias and Fairness. ERIC Digest. ED 328 610
- Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
- Current Events**
 James Madison's Practical Ideals for the 1990s. ED 328 507
- Curriculum**
 Harnett County Schools Academically Gifted Curriculum K-8. ED 327 989
- Curriculum Based Assessment**
 Using Portfolios in Instruction and Assessment. ED 328 586
- Curriculum Design**
 An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089
- Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education. ED 328 514
- Suggestopedia: Activating the Student's Reserve Capacities. ED 328 057
- Curriculum Development**
 Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program. ED 328 351
- The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
- Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22. ED 328 512
- Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4. ED 328 462
- The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459
- BSAP Science Teaching through Inquiry. ED 328 454
- The Changing History-Social Science Curriculum: A Booklet for Parents. ED 328 468
- Classroom Drama and Theatre: A Guide to Curriculum Planning. ED 328 513
- Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum. ED 327 910
- Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP). ED 328 487
- Curriculum Development. Instructional Leadership Series. ED 327 962
- Curriculum Management in 29 School Districts in Northwest Ohio. ED 327 923
- Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29. ED 327 864
- The Faculty Development Component of Speaking across the Curriculum. ED 327 893
- Foreign Language Learning: An Early Start. ERIC Digest. ED 328 083
- If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools. ED 328 486
- The Instructional Consultant Role of the School Library Media Specialist: A Research Study. ED 328 276
- K-12 Social Science Program Evaluation. ED 328 476
- Linguist Proficiency Improvement Courses. ED 328 097
- Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study. ED 328 548
- Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990. ED 327 735
- Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988). ED 328 359
- Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and
- Data Collection**
 Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988). ED 327 724
- Renewing Undergraduate Education: Recommendations from the Irvine Group. ED 328 194
- Science Attitude Analysis of Dayton Public School Teachers in Science. ED 328 458
- Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3. ED 328 461
- Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2. ED 328 460
- The South Carolina Framework for Drama/Theater Education. ED 327 889
- Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools. A Guidebook. ED 327 930
- Curriculum Enrichment**
 Teaching Students How To Learn: Ideas for Teaching Information Skills. ED 327 811
- Curriculum Evaluation**
 K-12 Social Science Program Evaluation. ED 328 476
- The New Jersey Governor's Commission on Eastern European and Captive Nation History Report. ED 328 470
- Czechoslovakia**
 Essentials of Educational Psychology. ED 328 467
- DACUM Process**
 Case Management of Adolescents with Chronic Disease. ED 327 721
- Daily Living Skills**
 Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide. ED 327 904
- Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide. ED 327 903
- Majoring in the Rest of Your Life. Career Secrets for College Students. ED 328 183//
- Dangerous Liaisons (Film)**
 Dangerous Liaisons: When Film and Literature Meet. ED 327 863
- Data Analysis**
 Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner. ED 327 814
- Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4. ED 328 450
- Sorting: Groups and Graphs. Used Numbers: Grades 2-3. ED 328 449
- Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451
- What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing. ED 328 245
- Data Collection**
 The National Assessment of Educational Progress (NAEP). ERIC Digest. ED 328 603
- An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels. ED 328 582

Data Interpretation

Interpretation of Student Data: Contextual Variables and Cultural Implications. ED 328 166

Databases

Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266

Information Retrieval in Multimedia Sources in an Electronic Age. ED 328 275

Day Care

Collaborations in Action: Reshaping Services for Young Children and Their Families. ED 328 363

Description of Child Care Training Programs in Canadian and International Jurisdictions. ED 328 348

[Infants in Day Care]. ED 328 012

Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R. ED 328 322

Day Care Centers

Campus Child Care: Diverse and Changing. ED 328 344

Campus Children's Centers: Two Decades of Ferment. ED 328 343

Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R. ED 328 322

Deaf Blind

Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making. ED 328 005

Play Activities and Emergent Language: Intervention Procedures for Young Children with Deaf-Blindness. ED 328 006

Research on the Communication Development of Young Children with Deaf-Blindness. ED 328 007

Deafness

An Educational Unit on Deafness for Hearing Students. ED 328 016

Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 046

Special Education in Tanzania: Project Findings and Recommendations. Terminal Report. ED 328 040

Death

Broken Pledges: The Deadly Rite of Hazing. ED 328 136//

The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents. ED 327 800

Debate

A Captive Audience: Debating in a Maximum Security Prison. ED 327 883

Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888

Student Leadership in Forensic Programs. ED 327 902

Debate Theory

Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888

Decimal Fractions

Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3. ED 327 702

Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6. ED 327 705

Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5. ED 327 704

Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4. ED 327 703

Place Value. Fundamentals of Occupational Mathematics. Module 1. ED 327 700

Powers and Roots. Fundamentals of Occupational Mathematics. Module 11. ED 327 710

Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2. ED 327 701

Decision Making

America's Growing Dilemma: Pesticides in Food and Water. ED 328 420//

Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making. ED 328 005

Como escoger una escuela para su hijo (Choosing a School for Your Child). ED 327 965

Consumer Choice and Satisfaction. NARF Technical Assistance Series. ED 328 019

Decision-making and Professional Development. A Focus on the Individual. ED 328 534

Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data. ED 328 591

Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//

Utilizing German-Franstian as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891

Decision Making Skills

Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District. ED 328 290

Declining Enrollment

Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 318

Defense Language Institute CA

Linguist Proficiency Improvement Courses. ED 328 097

Degrees (Academic)

National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report. ED 328 615

Degrees of Reading Power

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. ED 327 830

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary. ED 327 829

Deinstitutionalization (of Disabled)

Policy Analysis Series. Issues Related to the Welsh Consent Decree. Volumes I and II. ED 327 992

DeKalb School District GA

Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540

Delaware

Comprehensive System of Personnel Development, 1988-89 CSPD Report. ED 328 055

Delivery Systems

Addressing Employer Services. ED 327 681

The Case Management Team: Building Community Connections. ED 327 993

Cooperative Approaches to Respite Planning and Development. ED 328 008

Cost Efficiency of Early Education. Abstract 25: Research and Resources on Special Education. ED 327 988

No Place Like Home. ED 328 025

Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention. ED 328 009

Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book. ED 328 053

Demand Occupations

Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408

Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role. ED 328 428

Demography

Higher Education and Adult Demography. ED 328 139

Minnesota Health Statistics 1988. ED 327 782

Population in Perspective: Regional Views. A Population Learning Series. ED 328 479

The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition. ED 328 478

Workforce Trends. An Assessment of the Future by Employment Security Agencies. ED 327 638

Demonstration Programs

Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition. ED 328 626

Model Offices: Flexible Options, Local Innovations. ED 327 685

The Nature of "Exemplary" Science Teachers: Implications for Teacher Education. ED 328 430

Off Welfare, into Work. ED 327 654

The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416

Special Projects: An Historical Analysis. ED 328 024

Demonstrations (Civil)

Martin Luther King, Jr.: The Dream of Peaceful Revolution. ED 328 661//

Dental Hygienists

Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 306

Dental Students

The Relationship of Cognitive Style to Academic Performance among Dental Students. ED 328 205

Depression (Psychology)

The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents. ED 327 800

Design Requirements

Library Media Center Design Considerations for Physically Disabled Students. ED 328 279

Desktop Publishing

Basics of Desktop Publishing. Teacher Edition. ED 327 658

Developing Nations

Adult Literacy for Development: The Logic and Structure of Economic Motivations. ED 327 648

Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary RIE JUN 1991

Subject Index

Report.

- Environmental Education in the Developing World. ED 328 337
- A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69. ED 328 439
- Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49. ED 328 560
- Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100. ED 328 023
- Special Education in Tanzania: Project Findings and Recommendations. Terminal Report. ED 328 482
- A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay. ED 328 040
- Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report. ED 327 986
- UNESCO and Africa. ED 328 490

Developmental Disabilities

- Action: A Manual To Help You Organize. This Means War! And We Do Mean Business. ED 327 994
- The Case Management Team: Building Community Connections. ED 327 993
- Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota. ED 327 991
- How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings. ED 327 787
- It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates. ED 327 997
- No Place Like Home. ED 328 025
- Read My Lips: It's My Choice... ED 327 996
- The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans. ED 328 031
- The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics. ED 328 034
- The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians. ED 328 032
- The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans. ED 328 033
- A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay. ED 327 986

Developmental Programs

- Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report. ED 328 337
- U.S. Foreign Aid Policy-A Critique. Headline Series No. 293. ED 328 508

Developmental Psychology

- Essentials of Educational Psychology. ED 328 467

Developmental Studies Programs

- College Learning Strategies: A Retention Model for At-Risk Students. ED 327 825
- Strive Toward Excellence Program. ED 328 126
- A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications. ED 328 452

Diabetes

- Case Management of Adolescents with Chronic Disease. ED 327 721

Diachronic Linguistics

- Word History: A Guide to Understanding the English Language. ED 327 856

Diagnostic Teaching

- Gifted Learning Disabled and Gifted Underachievers: Similarities and Differences. ED 328 050

Diagnostic Tests

- The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13. ED 328 463
- Neuropsychological Assessment in Schools. ERIC Digest. ED 328 609

Dialog Journals

- The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals. ED 328 047

Dialogs (Language)

- Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51. ED 328 216

Dietary Technicians

- Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3. ED 328 297

Dietetics

- Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3. ED 328 297
- White Paper on School-Lunch Nutrition. ED 328 538

Dietitians

- Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3. ED 328 297

Differentiated Additive Androgyny Model

- The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept. ED 328 562

Difficulty Level

- A Brief Overview of Three Classes of Methods for Detecting Item Bias. ED 328 578
- The Readability of Trade Examinations. ED 327 726

Dimensional Analysis

- Applying Empirical Analyses to the Evaluation of Test Content. ED 328 621

Direct Assessment

- The Case for Authentic Assessment. ERIC Digest. ED 328 611

Directed Reading Writing Activities

- The Effects of Directed Writing Activities on Reading Comprehension Performance. ED 327 828

Disabilities

- Alternative Models for Integration of Exceptional Students: Administrative and Research Implications. ED 328 041
- The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities. ED 327 774
- An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089

Disabilities

185

Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989. ED 328 026

The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers. ED 327 674

Comprehensive System of Personnel Development, 1988-89 CSPD Report. ED 328 055

Consumer Choice and Satisfaction. NARF Technical Assistance Series. ED 328 019

Cooperative Approaches to Respite Planning and Development. ED 328 008

Cost Efficiency of Early Education. Abstract 25: Research and Resources on Special Education. ED 327 988

A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families. ED 328 029

Effective Management of Supported Employment. NARF Technical Assistance Series. ED 328 020

A Guide to Curriculum Planning in Arts for EEN [Exceptional Educational Needs] Students. Bulletin No. 0410. ED 328 038

A Guide to the Employment Section of the Americans with Disabilities Act 1990. ED 327 748

How To Develop an Individual Plan. Instructor's Guide. ED 327 999

[Infants and Toddlers]. ED 328 011

[Infants in Day Care]. ED 328 012

Laborers of Love: Realities and Solutions. A Guide to Family Caregiver Education. ED 327 673

Library Programs. Library Programs for the Handicapped. Fiscal Year 1987. ED 328 278

Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report. ED 328 054

Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457. ED 328 028

Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School. ED 328 004

Project STARS. 1989-90. OREA Report. ED 327 729

Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention. ED 328 009

Readings in Ecosocial Development. ED 327 990

Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989). ED 327 987

The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series. ED 328 021

Self Determination National Conference (Arlington, Virginia, January 9-10, 1989). ED 327 995

Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990. ED 328 037

Sewing: Easier with Adaptations. PAM Repeater, No. 54. ED 328 017

Signaling for Help. PAM Repeater, No. 56. ED 328 018

Special Education in South Africa-Who Plays God? ED 328 052

Special Education in Tanzania: Project Findings and Recommendations. Terminal Report. ED 328 040

- Special Education: Parent and Student Rights. [Updated.] ED 328 022
- Special Projects: An Historical Analysis. ED 328 024
- The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program. ED 328 027
- Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary. ED 328 030
- Students with Disabilities: A Guide for Faculty and Staff. ED 328 107
- Disadvantaged Environment**
[Supporting Culturally Diverse Families with Infants and Toddlers]. ED 328 013
- Disadvantaged Youth**
Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128
- Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas. ED 328 657
- A Plan To Educate Nevada's Homeless Youth. ED 328 628
- Project GOLD (Garfield Options for Leadership Development). ED 328 118
- Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
- A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor, U.S. House of Representatives. One Hundred First Congress, Second Session. ED 328 654
- State Disadvantaged Child Project in the Portland Public Schools. 1988-89 Evaluation Report. ED 328 350
- Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas. ED 328 656
- Disarmament**
International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982). ED 328 500
- Discipline**
Cooperative Discipline: Classroom Management that Promotes Self-Esteem. ED 328 555//
- Discipline Based Art Education**
"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23. ED 328 511
- Discipline Policy**
Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline. ED 327 983
- Discipline Problems**
Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline. ED 327 983
- Reducing the Suspension Rate among the Disaffected Elementary School Population. ED 328 365
- Discourse Analysis**
Classroom Discourse: Questions, Quarrels, and Introspections. ED 328 544
- Context Effects in Comprehending Familiar and Unfamiliar Proverbs. ED 327 876
- The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals. ED 328 047
- A Study of Instruction as Discourse. ED 328 516
- Discovery Learning**
Guided Discovery Tutoring and Bounded User Modelling. CITE Report No. 13. ED 328 215
- Discrepancy Model**
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children. ED 328 035
- Discriminant Analysis**
Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic. ED 328 574
- Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588
- Discussion (Teaching Technique)**
A Study of Instruction as Discourse. ED 328 516
- Disease Control**
Condom Availability at Four-Year State Universities in the North Central Census Region. ED 328 195
- Dislocated Workers**
Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s. ED 327 690
- The Rural Career Assistance Program: An Implementation Guide. ED 327 664
- Distance Education**
Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48. ED 327 722
- Audiographics Distance Learning: A Resource Handbook. ED 328 384
- Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078
- Computer Conferencing and Mass Distance Education. CITE Report No. 98. ED 328 221
- Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12. ED 328 239
- Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite. ED 328 225
- Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1. ED 328 235
- The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237
- The Integration of Teleconferencing in Distance Teaching. ED 328 227
- Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education. ED 328 228
- A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10. ED 328 238
- The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project. ED 328 219
- Distributive Education**
The Concerns of the Marketing Education Profession. ED 327 678
- Distributive Education Teachers**
The Concerns of the Marketing Education Profession. ED 327 678
- Division**
Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6. ED 327 705
- Divorce**
Divorce and Bar Mitzvah: A First Look. ED 327 742
- An Evaluation of the Effects of Parental Divorce on College Students. ED 327 908
- Doctoral Degrees**
An Academic Career: It Could Be for You. ED 328 425//
- Baccalaureate Origins of Doctorate Recipients: A Ranking by Discipline of 4-Year Private Institutions. 6th Edition, 1920-1988 Data. ED 328 177
- Thinking about College Teaching. ED 328 174
- Doctoral Programs**
On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146
- Dominie Intelligent Tutoring System UK**
Dominie: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74. ED 328 212
- Doshisha University (Japan)**
Independent Reading in English—Use of Graded Readers in the Library English as a Second Language Corner—. ED 328 074
- Drama**
A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary. ED 327 886
- Drama in Education**
A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary. ED 327 886
- Producing Musical Theater for High School. ED 327 890
- The South Carolina Framework for Drama/Theater Education. ED 327 889
- Dramatics**
Arizona Dramatic Arts Essential Skills. ED 328 471
- Classroom Drama and Theatre: A Guide to Curriculum Planning. ED 328 513
- Drilling Tools**
Drill Presses. ED 327 713
- Pedestal Grinder. ED 327 715
- Drinking**
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173
- Motivational Determinants of Alcohol Use: A Theory and Its Applications. ED 327 759
- Portland Peers Project. Interim Evaluation Report, 1989-90. ED 327 769
- Driver Education**
Tractor Trailer Driver's Training Programs. Performance Report. ED 327 698
- Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report. ED 327 695
- Dropout Characteristics**
Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical

Subject Index

- Correspondence Institute's Management
Courses. Studies in Education, No. 48.
ED 327 722
- Dropout Rates in Massachusetts Public Schools:
1989.
ED 328 652
- School Dropouts: A Two-Generation Problem.
Public Policy Research Series.
ED 328 631
- Dropout Prevention**
The Design and Implementation of a Mentor Program
To Improve the Academic Achievement of
Black Male High School Students.
ED 328 647
- Dropout in Technician Engineering Courses. An
Exploratory Study of Dropout from New Zealand
Certificate in Engineering Courses.
ED 327 725
- Latinos and the Dropout Crisis: The Community
Solution.
ED 328 639
- Partnerships for Learning: School Completion
and Employment Preparation in the High School
Academics.
ED 328 630
- Dropout Programs**
Latinos and the Dropout Crisis: The Community
Solution.
ED 328 639
- A Self-Esteem Group for High School Dropouts:
A Facilitator's Manual.
ED 327 784
- Dropout Rate**
Dropout Rates in Massachusetts Public Schools:
1989.
ED 328 652
- Dropout Report for 1988-89: Part 2.
ED 328 642
- School Dropouts: A Two-Generation Problem.
Public Policy Research Series.
ED 328 631
- Dropout Research**
Adult Distance Education, Educational Technol-
ogy and Drop Out. The New Zealand Technical
Correspondence Institute's Management
Courses. Studies in Education, No. 48.
ED 327 722
- Dropout in Technician Engineering Courses. An
Exploratory Study of Dropout from New Zealand
Certificate in Engineering Courses.
ED 327 725
- Latinos and the Dropout Crisis: The Community
Solution.
ED 328 639
- Dropouts**
Diplomas or Dropout Statistics: Alternatives for
At-Risk Students. A Symposium Presented at the
Annual Meeting of the Southwest Educational
Research Association (Austin, Texas, January
25-27, 1990).
ED 328 576
- Dropout Report for 1988-89: Part 2.
ED 328 642
- A Self-Esteem Group for High School Dropouts:
A Facilitator's Manual.
ED 327 784
- Six-Year Follow-Up Study of 1981-1983 Transfer
Alumni, Career Alumni and Stopouts. Volume
XIX, No. 3.
ED 328 307
- Study of Students Who Withdrew from Courses,
Summer 1986-Spring 1988. Volume XVIII, No. 2.
ED 328 296
- Study of Students Who Withdrew from Courses,
Summer 1988-Spring 1990. Volume XIX, No. 5.
ED 328 309
- Drug Abuse**
A Consumer's Guide to Alcohol and Other Drug
Surveys.
ED 327 776
- Developing a Community Profile: A Handbook
for Using Pre-existing Data in Prevention Plan-
ning.
ED 327 754
- Drug Impact Index.**
ED 327 775
- Portland Peers Project. Interim Evaluation Re-
port, 1989-90.
ED 327 769
- Surveys of Student Alcohol and Other Drug Use:
ED 327 769

RIE JUN 1991

- A Consumer's Guide.
ED 327 753
- Drug Addiction**
Drug Impact Index.
ED 327 775
- Drug Education**
A Guide to Expanding School-Based Prevention.
ED 327 941
- Portland Peers Project. Interim Evaluation Re-
port, 1989-90.
ED 327 769
- Drug Impact Index**
Drug Impact Index.
ED 327 775
- Drug Rehabilitation**
Legal Issues for Alcohol and Other Drug Use Pre-
vention and Treatment Programs Serving
High-Risk Youth.
ED 327 756
- Drug Therapy**
Acquired Immune Deficiency Syndrome, AIDS:
A Selected Bibliography of Federal Government
Publications. Research Guide 90 104.
ED 328 256
- Drug Use**
Behaviors, Attitudes and Knowledge of UNO
Students Regarding Drugs, Alcohol and Tobacco:
1989.
ED 328 173
- Portland Peers Project. Interim Evaluation Re-
port, 1989-90.
ED 327 769
- Dual Career Family**
Departmental Issues in Dual-Academic Mar-
riages.
ED 327 743
- Dysfunctional Families**
From Dysfunctional Families to Dysfunctional
Schools: A Systems Paradigm.
ED 327 785
- Early Childhood Development Programs**
Early Child Development. Innocenti Global Sem-
inar (Florence, Italy, June 12-30, 1989). Summary
Report.
ED 328 337
- Early Childhood Education**
Critical Policy and Research Issues for Early
Childhood and Elementary Education.
ED 328 341
- Description of Child Care Training Programs in
Canadian and International Jurisdictions.
ED 328 348
- Highlights of the National Family Day Care
Project.
ED 328 346
- Objectives in Early Childhood Education: Semi-
nar Proceedings (Wellington, New Zealand, Oc-
tober 1988).
ED 328 359
- Preparation and Professional Development Pro-
grams for Early Childhood Educators: Adequacy
of the Knowledge Base.
ED 328 339
- Early Intervention**
Changing the Odds: Expanding Early Childhood
Development Programs for Oakland's Low-In-
come Families.
ED 328 643
- Childhood Obesity. ERIC Digest.
ED 328 556
- Cost Efficiency of Early Education. Abstract 25:
Research and Resources on Special Education.
ED 327 988
- A Digest and Comparative Analysis of Major
Federal Programs Affecting Infants and Toddlers
with Handicaps and Their Families.
ED 328 029
- Early Childhood Education for At-Risk Children:
A National Perspective.
ED 328 367
- [Infants and Toddlers].
ED 328 011
- [Infants in Day Care].
ED 328 012
- Play Activities and Emergent Language: Inter-
vention Procedures for Young Children with
Deaf-Blindness.
ED 328 012

Economic Impact

187

- ED 328 006
- Professional Organizations' Role in Meeting the
Personnel Demands of Part H, P.L. 99-457.
ED 328 028
- Social Support Perspectives on Programs for Par-
ents: Lessons from the Child Survival/Fair Start
Home Visiting Programs.
ED 327 763
- The Status of Handicapped Children in Head
Start Program. Fifteenth Annual Report of the
U.S. Department of Health and Human Services
to the Congress of the United States on Services
Provided to Children with Disabilities in the Head
Start Program.
ED 328 027
- Status of States' Progress in Implementing Part H
of P.L. 99-457: Report #2 and Executive Sum-
mary.
ED 328 030
- [Supporting Culturally Diverse Families with In-
fants and Toddlers].
ED 328 013
- [Training Practitioners to Work with Infants,
Toddlers and Their Families].
ED 328 010
- Earth Science**
Earth Science. Focus on Excellence, Volume 3,
Number 3.
ED 328 406
- Eastern Michigan University**
Business French: Cultural Content and Impli-
cations.
ED 328 075
- Eating Habits**
Childhood Obesity. ERIC Digest.
ED 328 556
- White Paper on School-Lunch Nutrition.
ED 328 538
- Ecological Factors**
Campus Children's Centers: Two Decades of Fer-
ment.
ED 328 343
- Readings in Ecosocial Development.
ED 327 990
- Economic Development**
Adult Literacy for Development: The Logic and
Structure of Economic Motivations.
ED 327 648
- Black Americans and Public Policy: Perspectives
of the National Urban League.
ED 328 651
- Economic Development for Small Communities
and Rural Areas.
ED 327 687
- Revitalizing the Rural South. Extension's Role in
Enhancing the Quality of Life. Proceedings of a
Regional Conference (Birmingham, Alabama,
January 16-18, 1990).
ED 328 382
- The Role of Information in the Economy of the
Southeast.
ED 328 284
- Training and Jobs: Keys to Rural Economic De-
velopment. A Regional Rural Revitalization Con-
ference (Huntsville, Alabama, April 5-6, 1990).
ED 328 381
- U.S. Foreign Aid Policy-A Critique. Headline Se-
ries No. 293.
ED 328 508
- Economic Factors**
Demographic and Economic Changes and Post-
secondary Education.
ED 328 111
- The Escalating Costs of Higher Education.
ED 328 114
- Land and Freedom-Economic Studies.
ED 328 497
- Meeting the Economy's Labor Needs through Im-
migration: Rationale and Challenges. A Rand
Note.
ED 328 625
- The Role of Information in the Economy of the
Southeast.
ED 328 284
- Trends in Institutional Costs.
ED 328 115
- Economic Impact**
Copyright & Home Copying. Technology Chal-
lenges the Law.

The Economic Impact of Liberty University on the Lynchburg Area. ED 328 262

The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities. ED 328 158

The Price: A Study of the Costs of Racism in America. ED 328 390

ED 328 650

Economic Progress

Universities and the Future of America. ED 328 151//

Economic Trends

Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas. ED 328 656

Economically Disadvantaged

New Ways of Paying for College. ED 328 182//

Partnerships for Learning: School Completion and Employment Preparation in the High School Academies. ED 328 630

A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor, U.S. House of Representatives. One Hundred First Congress, Second Session. ED 328 654

State Disadvantaged Child Project in the Portland Public Schools. 1988-89 Evaluation Report. ED 328 350

Economics

Cognitive Structures in BBC Financial Reports. ED 328 084

Multinational Investment: Opportunity and Challenge. ED 327 683

U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide. ED 328 421//

Economics Education

Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1. ED 328 235

Land and Freedom-Economic Studies. ED 328 497

Edison Community College FL

STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind. ED 328 293

Education

Catalog of ERIC Clearinghouse Publications. ED 328 260

Education Consolidation Improvement Act

Chapter 1 Migrant Education Program: Final Report. ED 328 640

Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide. ED 327 817

Education Majors

The Quality of Education Graduates Compared to Graduates Not Completing Certification. ED 328 545

Education of the Handicapped Act Amendments 1986

A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families. ED 328 029

Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457. ED 328 028

Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary. ED 328 030

Education Work Relationship

The Challenge of Education: No Time To Waste,

No Room, for Failure. ED 328 633

Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299

The Need for Workplace Literacy Partnerships. ED 327 643

Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335

Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89. ED 328 331

Report on Career Placement and External Transfer of 1989 Graduates. ED 328 314

The School-to-Work Connection. ED 327 675

Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381

Training for Work: What the U.S. Can Learn from Europe. ED 327 641

Educational Administration

Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market. ED 327 940

Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach. ED 328 396

The Superintendency in the Nineties: What Superintendents and Board Members Need to Know. ED 327 922//

Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978

Educational Assessment

The Case for Authentic Assessment. ERIC Digest. ED 328 611

The Coordinated Implementation of National and State-by-State Reform in School Mathematics. ED 328 433//

Educational Benchmarks, 1990. ED 327 924

Educational Evaluation: Ethnography in Theory, Practice, and Politics. ED 328 620//

The International Association for the Evaluation of Educational Achievement. ERIC Digest. ED 328 604

The National Assessment of Educational Progress (NAEP). ERIC Digest. ED 328 603

The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416

Results in Education: 1990. The Governors' 1991 Report on Education. ED 327 969

The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2. ED 328 198//

Educational Attitudes

Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders. ED 328 374

Educational Background

The Role of the University in Trade and Industrial Education Credentialing. ED 327 646

Educational Benefits

Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155

Educational Certificates

A Regional On-Site Administrator Preparation Program. ED 327 913

Educational Change

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459

Business and the Reshaping of Public Education: In Its Own Image. ED 327 919

Campus Child Care: Diverse and Changing. ED 328 344

The Challenge of Education: No Time To Waste, No Room, for Failure. ED 328 633

Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078

Continuing Education for Change. WHO Regional Publications, European Series, No. 28. ED 327 639

The Coordinated Implementation of National and State-by-State Reform in School Mathematics. ED 328 433//

Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990). ED 328 645

Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 106//

Introducing New Technology: Chasing a Dream. ED 328 208

It's Up to You. Women at UBC in the Early Years. ED 328 147//

Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9. ED 328 197//

The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho. ED 328 131

Renewing Undergraduate Education: Recommendations from the Irvine Group. ED 328 194

The Training of Teacher-Librarians-Paving the Way. ED 328 289

Educational Cooperation

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement. ED 327 957

Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series. ED 327 958

Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education. ED 327 691

Educational Counseling

Counseling and Guidance Program Evaluation 1990-91. ED 327 765

Steps to Maturity Program. Evaluation. ED 327 764

Strive Toward Excellence Program. ED 328 126

100 Ways Colleges Serve Adults. ED 328 159//

Educational Demand

Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7. ED 328 310

Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida. ED 328 168

ED 328 168

ED 328 168

ED 328 168

ED 328 168

ED 328 168

ED 328 168

ED 328 168

ED 328 168

ED 328 168

Subject Index

Educational Development

- Adjustments in Rural Education. ED 328 373
- Campus Children's Centers: Two Decades of Ferment. ED 328 343
- The History of the March toward Literacy in Iraq. ED 328 472
- Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100. ED 328 482

Educational Diagnosis

- Gifted Learning Disabled and Gifted Underachievers: Similarities and Differences. ED 328 050
- In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus. ED 327 770
- Neuropsychological Assessment in Schools. ERIC Digest. ED 328 609

Educational Discrimination

- Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg. ED 328 148

Educational Diversity

- Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392

Educational Environment

- Access through Innovation: New Colleges for New Students. Continuing Higher Education Series. ED 328 178//
- The Different Forms of Learning in Psychology and Education. CITE Report No. 24. ED 328 481
- Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
- Insights from the French Immersion Experience in Canada. ED 328 061
- Principal Leadership: A Theoretical Framework for Research. Project Report. ED 327 952
- The "Psychological Environment" of the School: A Focus for School Leadership. Project Report. ED 327 954
- Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
- School Culture, Motivation, and Achievement. Project Report. ED 327 948
- "School Culture," Student Ethnicity, and Motivation. Project Report. ED 327 947

Educational Equipment

- Audiographics Distance Learning: A Resource Handbook. ED 328 384

Educational Equity (Finance)

- A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor. U.S. House of Representatives. One Hundred First Congress, Second Session. ED 328 654

Educational Experiments

- Promoting Fun in Physics. ED 328 122

Educational Facilities

- Inventory of Physical Facilities of Ontario Universities, 1989-90. ED 328 190
- Methods of Financing Educational Facilities in the United States. ED 327 916

Educational Facilities Design

- Schools for the Twenty-First Century. ED 327 955

Educational Facilities Improvement

RIE JUN 1991

Methods of Financing Educational Facilities in the United States. ED 327 916

Schools for the Twenty-First Century. ED 327 955

Educational Facilities Planning

- Library Media Center Design Considerations for Physically Disabled Students. ED 328 279
- Schools for the Twenty-First Century. ED 327 955

Educational Finance

- Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
- County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9. ED 328 312
- Databook and Annual Report: Maryland Community Colleges. ED 328 311
- Development Achievements for Fiscal 1990. ED 328 142
- Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session. ED 328 206
- How North Carolina Ranks Educationally among the Fifty States-1990. ED 328 583
- Methods of Financing Educational Facilities in the United States. ED 327 916
- A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor. U.S. House of Representatives. One Hundred First Congress, Second Session. ED 328 654
- Veterans Employment and Training Programs. Report from the Committee on Veteran's Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session. ED 327 669

Educational Gerontology

- Special Problems of the Elderly. ED 327 758

Educational History

- Access through Innovation: New Colleges for New Students. Continuing Higher Education Series. ED 328 178//
- Business and the Reshaping of Public Education: In Its Own Image. ED 327 919
- Coming and Going: Forty Years of the Fulbright Programme in New Zealand. ED 328 149
- Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5. ED 327 671//
- Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
- The History of the March toward Literacy in Iraq. ED 328 472
- Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990). ED 328 184
- The Origins and Rise of Associate Degree Nursing Education. ED 328 154//
- Rural Education in the South. Bulletin of the Department of Rural Education. ED 328 375
- Social Studies Education: An Interpretive History of Discovery, Change, Innovation, and Trends. Humans & Environment Learning Program (HELP). ED 328 488
- Special Projects: An Historical Analysis. ED 328 024

Educational Improvement

Educational Leadership

189

The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4. ED 327 925

The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137

A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409

The Concerns of the Marketing Education Profession. ED 327 678

Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg. ED 328 148

Five Years Later: A Look at the EIA Investment. ED 328 601

High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future." ED 327 651

NCTM Student Math Notes, January-December, 1990. ED 328 413

Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408

Renewing Undergraduate Education: Recommendations from the Irvine Group. ED 328 194

Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138

Results in Education: 1990. The Governors' 1991 Report on Education. ED 327 969

What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984. ED 328 602

Educational Indicators

Educational Benchmarks, 1990. ED 327 924

Educational Innovation

- Access through Innovation: New Colleges for New Students. Continuing Higher Education Series. ED 328 178//
- Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance. ED 328 575
- Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition. ED 328 626
- The Indiana Principal Leadership Academy: A Model for Professional Development. ED 327 971
- Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 935
- Many Roads To Fundamental Reform: Getting Started. Video Conference 6. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 934
- Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990). ED 328 231
- The Top Ten Educational Issues, 1991 Edition. ED 327 939

Educational Issues

- Emerging Issues: A Survey of Education Committee Chairs. ED 327 920
- The Top Ten Educational Issues, 1991 Edition. ED 327 939

Educational Leadership

Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collabora-

- tive Approach. ED 328 396
- Educational Legislation**
Description of Child Care Training Programs in Canadian and International Jurisdictions. ED 328 348
The National Education Report Card Act of 1990. Hearing on S.2034 To Authorize the Creation of a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources, Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990). ED 328 595
Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155
S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session. ED 328 612
- Educational Media**
The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453
- Educational Needs**
Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078
Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3. ED 328 297
The Essential Theory of Literacy and Its Implications for Programming and Evaluation. ED 327 649
Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor, House of Representatives, One Hundred First Congress, Second Session. ED 328 206
High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future." ED 327 651
Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988). ED 327 724
Renewing Undergraduate Education: Recommendations from the Irvine Group. ED 328 194
The School-to-Work Connection. ED 327 675
- Educational Objectives**
Adjustments in Rural Education. ED 328 373
Anti-Intellectualism in U.S. Schools. ED 327 970
Educational Benchmarks, 1990. ED 327 924
Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988). ED 328 359
Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2. ED 328 198//
- Educational Opportunities**
Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1. ED 328 133
- Educational Philosophy**
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons. ED 327 650
Alternative Models for Integration of Exceptional Students: Administrative and Research Implications. ED 328 041
Commitment to Higher Education: Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno. ED 328 200//
The Philosophical Arena and Reading. ED 327 836
- Educational Planning**
Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools. ED 328 399
Planning for Quality: Perils and Possibilities. ED 328 188
Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School. ED 328 004
A Review of Literature on Higher Education Institutional Planning. ED 328 189
Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida. ED 328 168
The Role of Information System for Education Planning and Management. ED 328 285
Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State. ED 328 232
- Educational Policy**
Critical Policy and Research Issues for Early Childhood and Elementary Education. ED 328 341
Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27. ED 328 355
The History of the March toward Literacy in Iraq. ED 328 472
Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9. ED 328 197//
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985). ED 328 559
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District. ED 328 290
Vocational Education: The Issue Is Access. ED 327 720
- Educational Practices**
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons. ED 327 650
ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39. ED 327 692
The Challenge of Connecting Learning, Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137
Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27. ED 328 355
Ethics in the University. ED 328 169
Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5. ED 327 671//
- Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138
The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990). ED 328 356
The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program. ED 328 027
21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens. ED 328 171
- Educational Principles**
Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988). ED 328 359
Tomorrow's Schools: Principles for the Design of Professional Development Schools. ED 328 533
- Educational Psychology**
Essentials of Educational Psychology. ED 328 467
- Educational Quality**
Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 106//
Good Education and Good Entertainment. ED 328 223
PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717
Schools and National Telecommunications Policy. ED 328 224
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2. ED 328 198//
- Educational Research**
Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
Consumer Motivated Research to Development: The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 045
The Different Forms of Learning in Psychology and Education. CITE Report No. 24. ED 328 481
Doing Democracy: Case Study at Cato Park. ED 328 473
Essentials of Educational Psychology. ED 328 467
Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education. ED 328 228
A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions. ED 328 199
Political Education in Hungary. ED 328 464
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report. ED 328 054
- Educational Resources**
Resources in Education (RIE). Volume 26, Number 6. ED 327 632
- Educational Responsibility**
Commitment to Higher Education: Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno. ED 328 200//
Universities and the Future of America. ED 328 151//
RIE JUN 1991

Subject Index

Educational Strategies

- America 2000: An Education Strategy. Sourcebook. ED 327 985
- Student Attitude toward Selected Instructional Strategies. ED 327 843
- Teaching about AIDS/HIV Disease to College Students. ED 327 761
- Thinking and the Teaching of Thinking for Children. ED 328 345
- Who Needs Computers in Schools, and Why? CITE Report No. 73. ED 328 234

Educational Technology

- Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48. ED 327 722
- Beyond Computer Planning: Managing Educational Computer Innovations. ED 327 977
- Good Education and Good Entertainment. ED 328 223
- Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100. ED 328 482
- Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990). ED 328 231
- The Role of Information System for Education Planning and Management. ED 328 285
- Schools and National Telecommunications Policy. ED 328 224
- Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State. ED 328 232

Educational Television

- Annual Report, 1989-1990. ED 328 242
- C-Span in the American Government Classroom. ED 328 477
- Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite. ED 328 225

Educational Testing Service Factor Kit

- Computer-Based Assessment of Cognition: The ETS Factor Kit. ED 328 587

Educational Theories

- The Essential Theory of Literacy and Its Implications for Programming and Evaluation. ED 327 649
- The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm. ED 328 503

Educational Trends

- Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
- Computer-Based Assessment of Cognition: The ETS Factor Kit. ED 328 587
- Demographic and Economic Changes and Post-secondary Education. ED 328 111
- Educational Trends in South Carolina. Office of Research Report Series. ED 328 598
- Emerging Issues: A Survey of Education Committee Chairs. ED 327 920
- Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1. ED 328 133

High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future." ED 327 651

Life with the SAT: Assessing Our Young People and Our Times. ED 328 622//

Report on the Implementation of the Basic Skills Assessment Program 1989-90. ED 328 597

Tenured Radicals: How Politics Has Corrupted Our Higher Education. ED 328 110//

Testing. ED 328 613

The Top Ten Educational Issues, 1991 Edition. ED 327 939

Educationally Disadvantaged

- High School Preparation as Viewed by Students in Miami-Dade Community College English Classes. ED 328 333
- Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332
- The School-to-Work Connection. ED 327 675
- Strive Toward Excellence Program. ED 328 126

Effect Size

Meta-Analysis of Effects of Explicit Instruction for Critical Thinking. ED 328 614

Effective Schools Research

- Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance. ED 328 575
- School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout. ED 327 918

Elections

Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters. ED 328 502

Electricity

- Energy and Safety: Science Activities for Elementary Students, Level II (Grades 3-4). ED 328 411
- Energy and Safety: Science Activities for Elementary Students, Level III (Grades 5-6). ED 328 412

Electronic Equipment

The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1. ED 328 257

Electronic Learning Package Factory

[Papers of the ELF Project]. ED 328 211

Electronic Publishing

Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266

Elementary Education

- Critical Policy and Research Issues for Early Childhood and Elementary Education. ED 328 341
- Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs. ED 328 357

Elementary School Curriculum

- The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
- Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27. ED 328 355
- Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report. ED 328 058
- Enhancing Teacher Performance in Spanish Elementary Classes. Volume Two: Translated Units. Final Report.

Elementary School Science

191

Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29. ED 327 864

Foreign Language Learning: An Early Start. ERIC Digest. ED 328 083

Thinking and the Teaching of Thinking for Children. ED 328 345

Elementary School Mathematics

Back to the Future of Science and Math Education. ED 328 417

The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13. ED 328 463

Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//

Measuring: From Faces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4. ED 328 450

NCTM Student Math Notes, January-December, 1990. ED 328 413

Elementary School Science

Aqua-Topics. Aquaculture for Youth and Youth Educators. ED 328 434

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459

Back to the Future of Science and Math Education. ED 328 417

Brain Gym. Simple Activities for Whole Brain Learning. ED 328 436//

BSAP Science Teaching through Inquiry. ED 328 454

Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441

Energy and Safety: Science Activities for Elementary Students, Level I (Grades K-2). ED 328 410

Energy and Safety: Science Activities for Elementary Students, Level II (Grades 3-4). ED 328 411

Energy and Safety: Science Activities for Elementary Students, Level III (Grades 5-6). ED 328 412

An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education. ED 328 440

Great Lakes Education Booklet, 1990-1991. ED 328 418

Great Minds? Great Lakes! ED 328 455

Independent Learning Activities in Science for Students At-Risk. ED 328 457

Maine School Science Safety Guidelines. ED 328 435

Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403

The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416

Science Attitude Analysis of Dayton Public School Teachers in Science. ED 328 458

Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402

The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453

Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kin-

- ergarten through Third Grade.
ED 328 445
Training Student Organizers Curriculum, Revised Edition.
ED 328 424
- Elementary School Students**
Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program.
ED 328 351
A Cost Free Counseling Model for High Risk Elementary Students.
ED 327 788
An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.
ED 328 582
Reducing the Suspension Rate among the Disaffected Elementary School Population.
ED 328 365
Student Attitude toward Selected Instructional Strategies.
ED 327 843
Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing.
ED 328 361
Thinking and the Teaching of Thinking for Children.
ED 328 345
- Elementary School Teachers**
Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program.
ED 328 351
Marva Collins' Way. Second Edition.
ED 328 629//
Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.
ED 328 580
Teacher Burnout in Diverse Elementary School Environments.
ED 328 539
Test of a Three-Factor Model of Teacher Commitment.
ED 328 546
- Elementary Secondary Education**
Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.
ED 328 549
- Emergency Programs**
Disaster Planning. ALIC Bibliography 1990-1.
ED 328 246
- Emergent Literacy**
Children and Books. Children and Language Series.
ED 327 852
Understanding Reading and Writing. Children and Language Series.
ED 327 853
- Emotional Adjustment**
[Adoption].
ED 328 014
Reflections on Psychotherapy and Aerobic Exercise.
ED 327 762
- Emotional Disturbances**
Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990.
ED 328 037
- Emotional Response**
Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project.
ED 328 268
How Emotional Are Males and Females around Others?
ED 327 798
Logicity and Emotionality in Argumentation.
ED 327 895
- Employee Assistance Programs**
Strategies and Policies in Employee Assistance Programs.
ED 327 772
- Employee Attitudes**
Issues Surrounding Entry-Level Workers. A Policy Report.
ED 327 728
Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R.
ED 328 322
What Do Workers Have To Say? Skills & Technological Change.
ED 327 719
- Employer Attitudes**
Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).
ED 327 652
Employer Needs Assessment.
ED 328 325
Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7.
ED 328 310
Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.
ED 328 305
Survey of Ohio Employers. Job Training Partnership Program Year 1988.
ED 327 640
- Employer Employee Relationship**
Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum.
ED 327 686
- Employer Supported Day Care**
Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R.
ED 328 322
- Employment Opportunities**
Getting a Job in the Computer Age.
ED 327 778
Orientation Program on Work Authorization for F-1 Thai Students at NYIT.
ED 328 191
- Employment Patterns**
Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7.
ED 328 300
Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11.
ED 328 304
Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8.
ED 328 301
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities.
ED 328 390
Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5.
ED 328 299
Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89.
ED 328 331
Report on Career Placement and External Transfer of 1989 Graduates.
ED 328 314
Workforce Trends. An Assessment of the Future by Employment Security Agencies.
ED 327 638
- Employment Potential**
Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).
ED 327 652
- Employment Practices**
Issues Surrounding Entry-Level Workers. A Policy Report.
ED 327 728
- Employment Programs**
Employment Services Needs of Veterans.
ED 327 684
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations.
ED 327 642
Model Offices: Flexible Options, Local Innovations.
ED 327 685
Policy Analysis Series. Issues Related to the Welsh Consent Decree. Volumes I and II.
ED 327 992
Unemployment Insurance. Maintaining the Foundation of Economic Security.
ED 327 680
Veterans Employment and Training Programs. Report from the Committee on Veteran's Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.
ED 327 669
- Employment Projections**
Employer Needs Assessment.
ED 328 325
Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.
ED 328 305
Workforce Trends. An Assessment of the Future by Employment Security Agencies.
ED 327 638
- Employment Security**
Addressing Employer Services.
ED 327 681
Model Offices: Flexible Options, Local Innovations.
ED 327 685
Youth and Work: Outreach, Assessment, Preparation.
ED 327 682
- Employment Services**
Addressing Employer Services.
ED 327 681
Employment Services Needs of Veterans.
ED 327 684
Model Offices: Flexible Options, Local Innovations.
ED 327 685
Unemployment Insurance. Maintaining the Foundation of Economic Security.
ED 327 680
Youth and Work: Outreach, Assessment, Preparation.
ED 327 682
- Energy**
Energy and Safety: Science Activities for Elementary Students, Level I (Grades (K-2)).
ED 328 410
Energy and Safety: Science Activities for Elementary Students, Level II (Grades (3-4)).
ED 328 411
Energy and Safety: Science Activities for Elementary Students, Level III (Grades (5-6)).
ED 328 412
- Energy Conservation**
Energy and Safety: Science Activities for Elementary Students, Level I (Grades (K-2)).
ED 328 410
Energy and Safety: Science Activities for Elementary Students, Level II (Grades (3-4)).
ED 328 411
Energy and Safety: Science Activities for Elementary Students, Level III (Grades (5-6)).
ED 328 412
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems.
ED 328 105
- Energy Education**
Energy Education. Focus on Excellence, Volume 3, Number 1.
ED 328 404
The Nation's Energy Education Report Card.
ED 328 423
- Engineering Education**
An Academic Career: It Could Be for You.
ED 328 425//
Dropout in Technician Engineering Courses. An Exploratory Study of Dropout from New Zealand
RIE JUN 1991

Subject Index

- Certificate in Engineering Courses. ED 327 725
- On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146
- England**
- ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39. ED 327 692
- Doing Democracy: Case Study at Cato Park. ED 328 473
- Theoretical Orientation of British Infant School Teachers. ED 327 823
- England (London)**
- Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s. ED 327 690
- English**
- Word History: A Guide to Understanding the English Language. ED 327 856
- English (Second Language)**
- Adult ESL Suggested Materials List. ED 328 104
- ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39. ED 327 692
- Conference Groups in the Writing Center: Shared Resources. ED 328 070
- Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4. ED 328 085
- Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 090
- Independent Reading in English-Use of Graded Readers in the Library English as a Second Language Corner-. ED 328 074
- Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language (ICCS) English. ED 328 101
- Les Actes des Journees de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990. ED 328 095
- Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987). ED 328 069
- Responding to Our Response: Student Strategies for Responding to Teacher Written Comments. ED 328 098
- Review of Evaluation Procedures Used in Project POWER. ED 327 645
- Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 092
- Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173. ED 328 065
- Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986). ED 328 068
- A Study of Japanese and American Perceptions of Politeness in Requests. ED 328 073
- Toru Matsumoto's "Think in English" Approach. ED 328 080
- The Value of Project Work in INSET. ED 328 081
- Women's Kit. ED 328 103
- Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 093

- English for Academic Purposes**
- Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations. ED 328 062
- English Instruction**
- Applause, Applause: Evaluating Creative Responses and Projects. ED 327 875
- Word History: A Guide to Understanding the English Language. ED 327 856
- Enrichment Activities**
- Harnett County Schools Academically Gifted Curriculum K-8. ED 327 989
- Penn State-Behrend/Diehl Elementary School Adopt-A-School Program. ED 328 130
- Project GOLD (Garfield Options for Leadership Development). ED 328 118
- Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
- Richmond Area Young Scholars Program. ED 328 120
- Student Math Notes, January-November 1990. ED 328 426
- Enrollment**
- Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 318
- National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report. ED 328 615
- Enrollment Influences**
- General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 315
- Highers and Higher Education. ED 328 186
- Participation in Post-Compulsory Schooling in Scotland. ED 328 185
- Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2. ED 328 296
- Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5. ED 328 309
- Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt"? ED 328 140
- Enrollment Projections**
- Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1. ED 328 305
- Forecasting Enrollment in a Period of Institutional Transition. AIR Conference Paper. ED 328 134
- Higher Education and Adult Demography. ED 328 139
- Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report. ED 328 617
- Enrollment Rate**
- Highers and Higher Education. ED 328 186
- Participation in Post-Compulsory Schooling in Scotland. ED 328 185
- Enrollment Trends**
- Analysis of Enrollment Growth, 1985 to 1989. ED 328 320
- The Collection, Analysis and Presentation of Enrollment and Service Area Data To Support the Strategic Planning Process at Phoenix College. Emergence of Higher Education in America. ED 328 141
- Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
- Databook and Annual Report: Maryland Community Colleges.

Equal Education

193

- Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 311
- Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335
- Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity. ED 328 549
- Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses. ED 328 328
- Trends in the Postsecondary Enrollment of Minorities. ED 328 112
- What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319
- 1990 Statistical Report. ED 328 117
- Entry Workers**
- Issues Surrounding Entry-Level Workers. A Policy Report. ED 327 728
- Environmental Education**
- America's Growing Dilemma: Pesticides in Food and Water. ED 328 420//
- Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441
- Discarding the Throwaway Society. Worldwatch Paper 101. ED 328 400
- An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education. ED 328 440
- Environmental Education in the Developing World. ED 328 439
- Great Lakes Education Booklet, 1990-1991. ED 328 418
- Great Minds? Great Lakes! ED 328 455
- Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12. ED 328 432
- Innovations in College Science Teaching. ED 328 437
- International Resource Management. ED 328 127
- Introduction to Natural Resources. Teacher Edition. ED 327 656
- Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403
- The Nation's Energy Education Report Card. ED 328 423
- Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402
- Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade. ED 328 445
- Training Student Organizers Curriculum, Revised Edition. ED 328 424
- U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide. ED 328 421//
- Epistemology**
- Charitana, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
- Equal Education**
- Access, Equity, and Opportunity. Women in Machining: A Model Program.

- ED 327 718
Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1.
- ED 328 133
Managing Instruction for Equity and Excellence: Effective Alternatives to Tracking. Teleconference Resource Guide.
- ED 327 956
Public School Choice: An Equal Chance for All?
- ED 327 917
Women's Higher Education in Comparative Perspective.
- ED 328 161//
- Equal Facilities**
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.
- ED 327 774
- Equal Opportunities (Jobs)**
Access, Equity, and Opportunity. Women in Machining: A Model Program.
- ED 327 718
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.
- ED 327 774
A Guide to the Employment Section of the Americans with Disabilities Act 1990.
- ED 327 748
Women and Tenure: The Opportunity of a Century.
- ED 328 489
Women's Higher Education in Comparative Perspective.
- ED 328 161//
- Equipment**
Aquaculture. Teacher Edition.
- ED 327 657
- Equipment Evaluation**
Computerized Online Bibliographic Searching. SPEC Kit #154.
- ED 328 252
- Equipment Maintenance**
Graphic Arts: The Press and Finishing Processes. Teacher Guide.
- ED 327 661
- Equivalent Instruction Programs**
Description of Child Care Training Programs in Canadian and International Jurisdictions.
- ED 328 348
- ERIC**
Catalog of ERIC Clearinghouse Publications.
- ED 328 260
- Error Correction**
Responding to Our Response: Student Strategies for Responding to Teacher Written Comments.
- ED 328 098
- Essay Tests**
Do College Students Who Plan before Writing Score Better on Essay Exams?
- ED 327 868
Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations.
- ED 328 062
- Estimation (Mathematics)**
Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4.
- ED 328 450
- Ethical Instruction**
Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona.
- ED 327 779
Value Orientation—A New Emphasis for Teacher Education in Higher Education for the 1990s.
- ED 328 520
- Ethics**
Ethics in the University.
- ED 328 169
James Madison's Practical Ideals for the 1990s.
- ED 328 507
Universities and the Future of America.
- ED 328 151//

- Ethiopia**
The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.
- ED 328 160//
The Role of Information System for Education Planning and Management.
- ED 328 285
- Ethnic Distribution**
Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.
- ED 328 549
- Ethnic Groups**
A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education.
- ED 328 157
- Ethnic Stereotypes**
My Cousin the Arab.
- ED 327 848
- Ethnography**
Doing Democracy: Case Study at Cato Park.
- ED 328 473
Educational Evaluation: Ethnography in Theory, Practice, and Politics.
- ED 328 620//
- Etymology**
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence.
- ED 328 096
- Europe**
Continuing Education for Change. WHO Regional Publications, European Series, No. 28.
- ED 327 639
- Europe (East)**
The New Jersey Governor's Commission on Eastern European and Captive Nation History Report.
- ED 328 470
- Europe (West)**
Training for Work: What the U.S. Can Learn from Europe.
- ED 327 641
- European Community**
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.
- ED 327 676
- European History**
The New Jersey Governor's Commission on Eastern European and Captive Nation History Report.
- ED 328 470
- Evaluation Criteria**
The Essential Theory of Literacy and Its Implications for Programming and Evaluation.
- ED 327 649
A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344.
- ED 327 738
Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project.
- ED 328 091
Planning Small-Scale Research. SCRE Spotlights, 27.
- ED 328 543
The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series.
- ED 328 021
A Tale of Two Appraisal Systems: Texas and North Carolina.
- ED 327 981
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2.
- ED 328 198//
- Evaluation Methods**
Assessing the Process of Marital Adaptation: The Marital Coping Inventory.
- ED 327 802
Authentic Writing Assessment. ERIC Digest.
- ED 328 606
Language Assessment. Module 2. Bilingual/

- ESOL Special Education Collaboration and Reform Project.
- ED 328 091
A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations.
- ED 328 590
Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention.
- ED 328 009
Review of Evaluation Procedures Used in Project POWER.
- ED 327 645
Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.
- ED 328 579
Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide.
- ED 327 753
A Tale of Two Appraisal Systems: Texas and North Carolina.
- ED 327 981
- Evaluation Research**
K-12 Social Science Program Evaluation.
- ED 328 476
- Evaluative Thinking**
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District.
- ED 328 290
- Evaluators**
An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.
- ED 328 582
- Evolution**
Biology Textbooks 1990: The New Generation.
- ED 328 431
- Excellence in Education**
America 2000: An Education Strategy. Sourcebook.
- ED 327 985
Chemistry. Focus on Excellence, Volume 3, Number 2.
- ED 328 405
The Current Status of T&I Teacher Education in the United States.
- ED 327 647
Earth Science. Focus on Excellence, Volume 3, Number 3.
- ED 328 406
Energy Education. Focus on Excellence, Volume 3, Number 1.
- ED 328 404
Innovations in College Science Teaching.
- ED 328 437
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2.
- ED 328 403
Results in Education: 1990. The Governors' 1991 Report on Education.
- ED 327 969
Science/Technology/Society. Focus on Excellence, Volume 1, Number 5.
- ED 328 402
- Exceptional Child Research**
Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).
- ED 327 987
- Exceptional Persons**
South Carolina Guide for Child Development.
- ED 328 368
- Exercise**
Prescribed Exercise Behavior in the Treatment of Spouse Abuse.
- ED 327 766
Reflections on Psychotherapy and Aerobic Exercise.
- ED 327 762
- Existentialism**
The Philosophical Arena and Reading.
- ED 327 836
- Exit Examinations**
The Exit Exam.
- ED 328 616
RIE JUN 1991

Subject Index

- The Threat of a State Graduation Examination for Non-Public Schools in Louisiana. ED 328 566
- Expectation**
Backboards & Blackboards: CoCollege Athletes and Role Engulfment. ED 328 181//
Smoking Outcome Expectancies among College Students. ED 327 799
- Expenditures**
Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate. ED 328 649
- Experiential Learning**
Child Development and the Tool Subjects in Rural Areas. Yearbook 1941. ED 328 371
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level. ED 328 414
Human Interactions in Education: The Museum as an Experiential Learning Center. ED 328 493
Minority High School Student Research Apprenticeship Program. ED 328 121
- Experimentalism**
The Philosophical Arena and Reading. ED 327 836
- Expert Systems**
The Computerized Comprehensibility System. Maintainer's Guide. Technical Report No. 33. ED 328 222
Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62. ED 328 218
Dominic: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74. ED 328 212
Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10. ED 328 214
Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85. ED 328 220
Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61. ED 328 217
- Exploratory Factor Analysis**
Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data. ED 328 591
- Expressive Language**
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing. ED 327 854
- Extended Teacher Education Programs**
Teacher Induction Partnerships Program. ED 328 124
- Extension Agents**
Answering The "How" Question In Community Development. ED 328 386
- Extension Education**
Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989). ED 328 380
- External Validity**
Meta-Analysis of Effects of Explicit Instruction for Critical Thinking. ED 328 614
Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588
- Facility Inventory**
Inventory of Physical Facilities of Ontario Universities, 1989-90. ED 328 190

- Facsimile Transmission**
The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1. ED 328 257
Getting the Facts As Soon As Possible Through Fax. ED 328 272
- Factor Analysis**
Computer-Based Assessment of Cognition: The ETS Factor Kit. ED 328 587
- Faculty College Relationship**
Departmental Issues in Dual-Academic Marriages. ED 327 743
Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101. ED 328 162
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10. ED 328 303
- Faculty Development**
Communication Competency through Faculty Development. ED 327 909
The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development. ED 328 295
The Faculty Development Component of Speaking across the Curriculum. ED 327 893
The Greater Cleveland Educational Development Center, College of Education, Cleveland State University. ED 328 125
- Faculty Handbooks**
The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development. ED 328 295
- Faculty Mobility**
Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four. ED 328 383
- Faculty Publishing**
Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101. ED 328 162
- Faculty Recruitment**
Departmental Issues in Dual-Academic Marriages. ED 327 743
A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals. ED 327 973
- Faculty Service**
Focus on Faculty Service. ED 328 113
- Failure**
Development of a Teacher-Parent Communication Program To Achieve Higher Academic Performance for Failing Tenth Grade Students. ED 327 760
- Family Caregivers**
The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers. ED 327 674
Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education. ED 327 673
Teaching Basic Caregiver Skills. ED 327 672
- Family Characteristics**
Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
Comparison of Group Climate Scores between

Family School Relationship

195

- Executives from Functional and Dysfunctional Families of Origin. ED 327 805
Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students. ED 328 066
- Family Counseling**
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus. ED 327 770
Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs. ED 327 763
- Family Day Care**
Highlights of the National Family Day Care Project. ED 328 346
- Family Environment**
Family Literacy Library Programs: Models of Service. ED 328 269
Home Activities for Fours. ED 328 338
- Family Income**
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities. ED 328 390
- Family Influence**
Black Students: Psychosocial Issues and Academic Achievement. ED 328 624
From Dysfunctional Families to Dysfunctional Schools: A Systems Paradigm. ED 327 785
- Family Involvement**
Divorce and Bar Mitzvah: A First Look. ED 327 742
- Family Life Education**
Parenthood Education Curriculum 1990. ED 327 752
Steps to Maturity Program. Evaluation. ED 327 764
Teachers and National Development with Special Reference to Family Life Education. ED 328 517
- Family Literacy**
Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- Family of Origin**
Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin. ED 327 805
- Family Problems**
[Adoption]. ED 328 014
- Family Programs**
Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
Family Literacy Library Programs: Models of Service. ED 328 269
[Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 010
- Family Relationship**
From Dysfunctional Families to Dysfunctional Schools: A Systems Paradigm. ED 327 785
Keeping in Touch: Teachers and Parents in Kin-

- dergartens. Studies in Education Series, No. 50.
ED 328 360
- Family Structure**
From Dysfunctional Families to Dysfunctional Schools: A Systems Paradigm.
ED 327 785
- Family Violence**
Handbook for Domestic Violence Victims.
ED 327 777
- Farmers**
Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report.
ED 328 377
Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders.
ED 328 374
The Rural Career Assistance Program: An Implementation Guide.
ED 327 664
- Fatherless Family**
Off Welfare, into Work.
ED 327 654
- Federal Aid**
Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI.
ED 328 277
- Federal Government**
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).
ED 328 244
- Federal Legislation**
Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104.
ED 328 256
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.
ED 327 774
Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989.
ED 328 026
A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families.
ED 328 029
A Guide to the Employment Section of the Americans with Disabilities Act 1990.
ED 327 748
Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546.
ED 327 727
Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session.
ED 327 670
Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457.
ED 328 028
Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.
ED 327 968
Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role.
ED 328 428
- S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session.
ED 328 612
Veterans Employment and Training Programs. Report from the Committee on Veteran's Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.
ED 327 669
- Federal Programs**
Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989.
ED 328 026
A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families.
ED 328 029
Early Childhood Education for At-Risk Children: A National Perspective.
ED 328 367
Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance.
ED 328 575
NSF's Presidential Young Investigators Program: A Study of the First Two "Classes."
ED 328 192
Special Projects: An Historical Analysis.
ED 328 024
The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program.
ED 328 027
Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act.
ED 328 155
- Federal Regulation**
Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth.
ED 327 756
Orientation Program on Work Authorization for F-1 Thai Students at NYIT.
ED 328 191
- Federalist Papers**
Publius and the Contemporary Court.
ED 328 506
- Federated States of Micronesia (Kosrae)**
Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report.
ED 328 064
- Females**
The African American Woman. Runta (Truth).
ED 328 638
- Feminism**
Gender Aware Therapy: Implications for Therapists and Male Clients.
ED 327 771
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series.
ED 328 635//
- Field Dependence Independence**
The Relationship of Cognitive Style to Academic Performance among Dental Students.
ED 328 205
- Field Experience Programs**
Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study.
ED 328 548
RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.
ED 328 550
- Figurative Language**
Context Effects in Comprehending Familiar and Unfamiliar Proverbs.
ED 327 876
- Fiji**
Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.
ED 328 580
- Film Study**
Conference Groups in the Writing Center: Shared Resources.
ED 328 070
- Films**
Dangerous Liaisons: When Film and Literature Meet.
ED 327 863
- Finance Reform**
Wrap-Up of the 1990 Special Sessions on Public Education. House Research Organization Special Legislative Report, Number 160.
ED 327 942
- Financial Support**
County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9.
ED 328 312
Development Achievements for Fiscal 1990.
ED 328 142
Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session.
ED 328 206
Methods of Financing Educational Facilities in the United States.
ED 327 916
- Fire Fighters**
Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.
ED 327 668
Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers.
ED 327 667
- Fire Science Education**
Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.
ED 327 668
Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers.
ED 327 667
- Fisheries**
Aquaculture. Teacher Edition.
ED 327 657
Aqua-Topics. Aquaculture for Youth and Youth Educators.
ED 328 434
Peace Corps Aquaculture Training Manual. Training Manual T0057.
ED 327 732
- FLES**
Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report.
ED 328 058
Foreign Language Learning: An Early Start. ERIC Digest.
ED 328 083
- Fluid Mechanics**
Hydraulics.
ED 327 714
Industrial Automation Mechanic Model Curriculum Project. Final Report.
ED 327 693
- Folk Culture**
Flied Higher and Deeper: The Folklore of Campus Life.
ED 328 170//
- Food Service**
Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.
ED 328 305
- Food Standards**
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee.
ED 327 876

Subject Index

- White Paper on School-Lunch Nutrition. ED 327 633
ED 328 538
- Foreign Aid**
U.S. Foreign Aid Policy—A Critique. Headline Series No. 293. ED 328 508
- Foreign Countries**
Adult Literacy for Development: The Logic and Structure of Economic Motivations. ED 327 648
The Computer as a Diagnostic Tool in Mathematics. Final Report—November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13. ED 328 463
The Nature of "Exemplary" Science Teachers: Implications for Teacher Education. ED 328 430
Students' Metacognition in Mathematical Problem Solving. ED 328 438
- Foreign Culture**
The History of the March toward Literacy in Iraq. ED 328 472
- Foreign Policy**
Great Decisions '86. ED 328 474
U.S. Foreign Aid Policy—A Critique. Headline Series No. 293. ED 328 508
The Vietnam War: A Four Week Instructional Unit. Grades 11-12. ED 328 492
- Foreign Students**
Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment. ED 327 907
Library Research Guide for International Students. 2nd Edition. ED 328 280
Orientation Program on Work Authorization for F-1 Thai Students at NYIT. ED 328 191
- Forestry**
Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
- Formative Evaluation**
Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders. ED 328 374
Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1. ED 327 845
- Foundations of Education**
Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study. ED 328 548
- Fractions**
Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7. ED 327 706
- Frail Elderly**
How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings. ED 327 787
Special Problems of the Elderly. ED 327 758
- France (Paris)**
Business French: Cultural Content and Implications. ED 328 075
- Fraternities**
Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- Freedom of Information**
RIE JUN 1991

- The Confidentiality Rights of HIV-Infected Individuals within a School. ED 327 915
- Freedom of Speech**
How Advisers View Changes in the High School Press in the Post-Hazelwood Era. ED 327 877
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894
Regulating Racial Harassment on Campus: A Legal Compendium. ED 328 204
- French**
Business French: Cultural Content and Implications. ED 328 075
Insights from the French Immersion Experience in Canada. ED 328 061
Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990. ED 328 095
Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A. ED 328 077
Middle Immersion Study 1988. Research Paper 88-08. ED 328 076
Modelling and Assessing Foreign Language Loss. ED 328 071
- Freshman Composition**
Conference Groups in the Writing Center: Shared Resources. ED 328 070
Crossing the Lines: On Creative Composition and Composing Creative Writing. ED 327 855
- Fulbright Exchange Program**
Coming and Going: Forty Years of the Fulbright Programme in New Zealand. ED 328 149
- Full Text Databases**
Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19. ED 328 258
- Full Time Faculty**
Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101. ED 328 162
- Functional Literacy**
Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5. ED 327 671//
Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet. ED 328 270
- Fund Raising**
Annual Giving Strategies: A Comprehensive Guide to Better Results. ED 328 150
Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series. ED 327 966//
- Futures (of Society)**
Access through Innovation: New Colleges for New Students. Continuing Higher Education Series. ED 328 178//
Continuing Education for Change. WHO Regional Publications, European Series, No. 28. ED 327 639
Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada). ED 327 652
High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Commu-

Global Approach

197

- nities of the Future." ED 327 651
Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990). ED 328 184
Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989). ED 328 505
Public Relations State-of-the-Art 2000: A Shift in Perception. ED 328 175
Schools for the Twenty-First Century. ED 327 955
Stalling Out: The Relative Progress of African Americans. ED 328 653
What Do Workers Have To Say? Skills & Technological Change. ED 327 719
Workforce Trends. An Assessment of the Future by Employment Security Agencies. ED 327 638
- G I Bill**
Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session. ED 327 670
- Gender Aware Therapy**
Gender Aware Therapy: Implications for Therapists and Male Clients. ED 327 771
- General Education**
General Learning at a Women's College. ED 328 116
Vocies and Preppies. The Winner in Written Communication Skills Is... ED 327 644
- Geographic Distribution**
Dropout Rates in Massachusetts Public Schools: 1989. ED 328 652
- Geography**
Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Geography Instruction**
Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP). ED 328 487
Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education. ED 328 514
- Geometry**
Student Math Notes, January-November 1990. ED 328 426
- Georgia**
Cooperative Approaches to Respite Planning and Development. ED 328 008
A Curriculum Framework for Secondary-Aged Handicapped Students. ED 328 039
School Dropouts: A Two-Generation Problem. Public Policy Research Series. ED 328 631
- Gifted**
A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report. ED 328 015
Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted. ED 328 044
- Gifted Disabled**
Gifted Learning Disabled and Gifted Underachievers: Similarities and Differences. ED 328 050
- Global Approach**

- Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP). ED 328 487
- The Global Politics of Abortion. *Worldwatch* Paper 97. ED 328 509
- If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools. ED 328 486
- International Resource Management. ED 328 127
- The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm. ED 328 503
- Multinational Investment: Opportunity and Challenge. ED 327 683
- Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989). ED 328 233
- Global Education**
- If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools. ED 328 486
- Glossaries**
- The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990. ED 328 429
- Goal Orientation**
- Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119
- A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes. ED 328 036
- It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates. ED 327 997
- Governing Boards**
- The Board and the President. ED 328 207//
- Government Employees**
- Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers. ED 327 667
- Government Libraries**
- CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3. ED 328 248
- Government Publications**
- Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104. ED 328 256
- Government Role**
- Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate. ED 328 649
- The National Education Report Card Act of 1990. Hearing on S.2034 To Authorize the Creation of a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources, Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990). ED 328 595
- Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate One Hundred First Congress, Second Session on
- Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role. ED 328 428
- Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381
- U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide. ED 328 421//
- Who Owns Your Land? ED 328 379
- Government School Relationship**
- Results in Education: 1990. The Governors' 1991 Report on Education. ED 327 969
- Governmental Structure**
- Publius and the Contemporary Court. ED 328 506
- Grade Point Average**
- The Quality of Education Graduates Compared to Graduates Not Completing Certification. ED 328 545
- Grade Prediction**
- Factors That Affect Success in Nursing. Research Report No. 89-28R. ED 328 316
- Grade 10**
- Development of a Teacher-Parent Communication Program To Achieve Higher Academic Performance for Failing Tenth Grade Students. ED 327 760
- Grade 9**
- What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey. ED 327 740
- Grading**
- Student Reaction to Contract Grading. ED 328 196
- Graduate Study**
- On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146
- Graduation Requirements**
- The Exit Exam. ED 328 616
- The Threat of a State Graduation Examination for Non-Public Schools in Louisiana. ED 328 566
- Grammar**
- En otras palabras: Illustrated Grammatical Concepts and Communicative Activities. ED 328 067
- Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
- Grants**
- Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. ED 328 277
- Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series. ED 327 966//
- Survey of Ohio Employers. Job Training Partnership Program Year 1988. ED 327 640
- Grantsmanship**
- The New York State Program for the Conservation and Preservation of Library Research Materials. Discretionary Grant Application Workbook. ED 328 281
- Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series. ED 327 966//
- Graphic Arts**
- Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 636
- Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide. ED 327 662
- Graphic Arts: Process Camera, Stripping, and Platemaking. Teacher Guide. ED 327 663
- Graphology**
- Technical Manual: Handwriting Research Corporation. ED 327 860
- Graphs**
- Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449
- Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451
- Great Britain**
- Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078
- Great Lakes**
- Great Minds? Great Lakes! ED 328 455
- Grief**
- Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help? ED 328 388
- Group Behavior**
- Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- Self/Career Development: Facilitating Small Group Process. ED 327 745
- Group Counseling**
- Self/Career Development: Facilitating Small Group Process. ED 327 745
- A Self-Esteem Group for High School Dropouts: A Facilitator's Manual. ED 327 784
- Group Dynamics**
- Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- Self/Career Development: Facilitating Small Group Process. ED 327 745
- Student Leadership in Forensic Programs. ED 327 902
- Group Embedded Figures Test**
- The Relationship of Cognitive Style to Academic Performance among Dental Students. ED 328 205
- Group Experience**
- Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin. ED 327 805
- Group Guidance**
- Counseling and Guidance Program Evaluation 1990-91. ED 327 765
- Guaranteed Student Loan Program**
- Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate. ED 328 167
- Guidance Objectives**
- Steps to Maturity Program. Evaluation. ED 327 764
- Guidance Programs**
- Arizona Competency-Based Guidance. Program Development Workbook. ED 327 780
- Arizona Competency-Based Guidance. Program Handbook. ED 327 781
- Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report. ED 327 676
- Guidance in Rural Schools. Yearbook. February 1942. ED 328 372
- The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals. ED 327 744

Subject Index

- Steps to Maturity Program. Evaluation.
ED 327 764
- Guides**
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.
ED 327 676
- Handicap Discrimination**
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.
ED 327 774
A Guide to the Employment Section of the Americans with Disabilities Act 1990.
ED 327 748
Special Education in South Africa-Who Plays God?
ED 328 052
- Handicap Identification**
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.
ED 328 035
Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990.
ED 328 037
A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay.
ED 327 986
- Handwriting**
Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing.
ED 328 347
Technical Manual: Handwriting Research Corporation.
ED 327 860
- Hazardous Materials**
America's Growing Dilemma: Pesticides in Food and Water.
ED 328 420//
Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12.
ED 328 432
Maine School Science Safety Guidelines.
ED 328 435
- Hazelwood School District v Kuhlmeier**
How Advisers View Changes in the High School Press in the Post-Hazelwood Era.
ED 327 877
- Hazing**
Broken Pledges: The Deadly Rite of Hazing.
ED 328 136//
- Healing**
Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing.
ED 328 389
- Health Communication**
Making Health Communication Programs Work. A Planner's Guide.
ED 327 898
- Health Education**
Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104.
ED 328 256
Arizona Comprehensive Health Essential Skills.
ED 328 557
Making Health Communication Programs Work. A Planner's Guide.
ED 327 898
- Health Needs**
Homeless People and Health Care: An Unrelenting Challenge.
ED 328 648
- Health Occupations**
Minority High School Student Research Apprenticeship Program.
ED 328 121
- Health Programs**
Condom Availability at Four-Year State Universities in the North Central Census Region.
ED 328 195
Homeless People and Health Care: An Unrelenting Challenge.
ED 328 648

- ing Challenge.
ED 328 648
- Making Health Communication Programs Work. A Planner's Guide.**
ED 327 898
- Health Promotion**
Clearing the Air: A Collaborative Approach to Smoke-Free Schools.
ED 328 537
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee.
ED 327 633
Predictors of Intention To Take Precautions against AIDS among Black College Students.
ED 327 807
White Paper on School-Lunch Nutrition.
ED 328 538
- Health Services**
Homeless People and Health Care: An Unrelenting Challenge.
ED 328 648
- Hearing Impairments**
Consumer Motivated Research to Development: The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired.
ED 328 045
The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals.
ED 328 047
An Educational Unit on Deafness for Hearing Students.
ED 328 016
Effective Teaching of Hearing Impaired Students in Different Environments.
ED 328 049
Play Activities and Emergent Language: Intervention Procedures for Young Children with Deaf-Blindness.
ED 328 006
Preschool Curriculum Guide.
ED 328 043
The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children.
ED 328 048
Signaling for Help. PAM Repeater, No. 56.
ED 328 018
- Heating**
Residential and Light Commercial HVAC. Teacher Edition.
ED 327 659
- Heredity**
Childhood Obesity. ERIC Digest.
ED 328 556
- Heterogeneous Grouping**
Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study.
ED 328 397
- Heuristics**
An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers.
ED 328 541
- Hierarchical Linear Modeling**
The Variable Effects of Tracking: Inequality and Productivity in American High Schools.
ED 328 632
- High Risk Students**
The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills.
ED 327 842
Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.
ED 328 643
College Learning Strategies: A Retention Model for At-Risk Students.
ED 327 825
Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 632

- ## Higher Education 199
- Dropout Report for 1988-89: Part 2.
ED 328 642
- "Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development.
ED 328 519
- Factors That Affect Success in Nursing. Research Report No. 89-28R.
ED 328 316
- Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.
ED 327 845
- Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools, A Guidebook.
ED 327 937
- A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor. U.S. House of Representatives. One Hundred First Congress, Second Session.
ED 328 654
- High School Academics**
Partnerships for Learning: School Completion and Employment Preparation in the High School Academics.
ED 328 630
- High School and Beyond (NCES)**
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
ED 328 618
- High School Graduates**
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90.
ED 328 165
School Dropouts: A Two-Generation Problem. Public Policy Research Series.
ED 328 631
- High School Students**
The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training.
ED 328 561
The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.
ED 328 562
The Exit Exam.
ED 328 616
Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.
ED 328 563
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
ED 328 618
School Culture, Motivation, and Achievement. Project Report.
ED 327 948
Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students.
ED 328 291
21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens.
ED 328 171
- High Schools**
How Advisers View Changes in the High School Press in the Post-Hazelwood Era.
ED 327 877
Producing Musical Theater for High School.
ED 327 890
The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990.
ED 328 429
The Variable Effects of Tracking: Inequality and Productivity in American High Schools.
ED 328 632
- Higher Education**
Commitment to Higher Education; Seven West

European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno.

ED 328 200//

Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1.

ED 328 133

Highers and Higher Education.

ED 328 186

Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9.

ED 328 197//

National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).

ED 328 244

Participation in Post-Compulsory Schooling in Scotland.

ED 328 185

Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.

ED 328 549

Tenured Radicals: How Politics Has Corrupted Our Higher Education.

ED 328 110//

The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems.

ED 328 105

Higher Education Act 1965

Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session.

ED 328 206

Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act.

ED 328 155

Hispanic American Students

Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.

ED 328 646

Hispanic Americans

The Challenge of Education: No Time To Waste, No Room, for Failure.

ED 328 633

Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report.

ED 328 377

Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.

ED 328 646

Latinos and the Dropout Crisis: The Community Solution.

ED 328 639

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics.

ED 328 034

Some African American and Hispanic Voices from the University of Toledo. A Monograph.

ED 328 153

Test Validity and Language Background: A Study of Hispanic American Students at Six Universities.

ED 328 623//

History

The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7.

ED 328 237

Life with the SAT: Assessing Our Young People and Our Times.

ED 328 622//

Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).

ED 328 577

History Instruction

American History Guide, Bulletin 1599. Revised 1989.

ED 328 469

The Industrial Revolution. Land and Freedom-Issues in World History.

ED 328 494

Land and Freedom-Issues in World History.

ED 328 496

Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction].

ED 328 495

The New Jersey Governor's Commission on Eastern European and Captive Nation History Report.

ED 328 470

Holidays

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

ED 328 393

Holistic Approach

Holistic Learning: A Teacher's Guide to Integrated Studies.

ED 328 529//

Holistic Evaluation

More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change.

ED 328 594

Holmes Group

Tomorrow's Schools: Principles for the Design of Professional Development Schools.

ED 328 533

Home Economics Education

Parenthood Education Curriculum 1990.

ED 327 752

Home Instruction

Home Activities for Fours.

ED 328 338

Home Programs

Inside the Black Box: Understanding Home Visiting Programs.

ED 328 336

Home Recording

Copyright & Home Copying. Technology Challenges the Law.

ED 328 262

Home Visits

Inside the Black Box: Understanding Home Visiting Programs.

ED 328 336

Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50.

ED 328 360

Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs.

ED 327 763

Homebound

Teaching Basic Caregiver Skills.

ED 327 672

Homeless People

Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless.

ED 327 731

Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate.

ED 328 649

Homeless People and Health Care: An Unrelenting Challenge.

ED 328 648

A Plan To Educate Nevada's Homeless Youth.

ED 328 628

Profiles of State Programs: Adult Education for the Homeless.

ED 327 730

Homework

Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.

ED 328 646

Homosexuality

Female, Lesbian, and Jewish: Complex and Invisi-

ble.

ED 327 757

Gay and Lesbian Studies. A Research Guide for the UCLA Libraries.

ED 328 271

Psychological and Ethical Implications of Causal Theories of Sexual Orientation.

ED 327 767

A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart."

ED 327 894

Hospitality Occupations

Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.

ED 328 305

Hostility

Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly.

ED 327 747

Hotlines (Public)

An AIDS Hotline: Primary Prevention in the Community.

ED 327 801

Houston Independent School District TX

Chapter 1 Migrant Education Program: Final Report.

ED 328 640

Dropout Report for 1988-89: Part 2.

ED 328 642

Required Academic Proficiency (RAP) Program: Final Report.

ED 328 641

Human Capital

Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990).

ED 328 382

Human Geography

Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP).

ED 328 487

Human Services

Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota.

ED 327 991

Read My Lips: It's My Choice...

ED 327 996

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.

ED 328 031

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics.

ED 328 034

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans.

ED 328 033

Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs.

ED 327 763

Humanistic Education

Value Orientation-A New Emphasis for Teacher Education in Higher Education for the 1990s.

ED 328 520

Humanities Instruction

Tenured Radicals: How Politics Has Corrupted Our Higher Education.

ED 328 110//

Hungary

Political Education in Hungary.

ED 328 464

Hydraulics

Hydraulics.

ED 327 714

Hygiene

A Source of Distractions in the Classroom: The Teacher.

ED 328 536

RIE JUN 1991

Subject Index

HyperCard

Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII.

ED 328 441

Hypermedia

HyperTechnic-A Graphic Object-Oriented Control Language.

ED 328 210

Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990).

ED 328 231

Hypnotherapy

Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students.

ED 328 163

Hypothesis Testing

Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study.

ED 328 619

Ichthyology

Aqua-Topics. Aquaculture for Youth and Youth Educators.

ED 328 434

Icnicity

Discourse and Processing Constraints on the Production of Controlled Narratives.

ED 328 088

Idaho

Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report.

ED 327 699

Idea Generation

Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time.

ED 327 880

Identification (Psychology)

Teacher Education as Identity Construction. Music: A Case Study.

ED 328 531

Ideology

Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5.

ED 328 236

Illinois

"School Culture," Student Ethnicity, and Motivation. Project Report.

ED 327 947

What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey.

ED 327 740

Illinois Domestic Violence Act

Handbook for Domestic Violence Victims.

ED 327 777

Illinois Writing Project

Authentic Writing Assessment. ERIC Digest.

ED 328 606

Illiteracy

The History of the March toward Literacy in Iraq.

ED 328 472

Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide.

ED 327 653

Immersion Programs

Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report.

ED 328 058

Insights from the French Immersion Experience in Canada.

ED 328 061

Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A.

ED 328 077

Middle Immersion Study 1988. Research Paper 88-08.

ED 328 076

Spanish Partial Immersion Program. 1989-90 Evaluation Report.

ED 328 100

Immigrants

Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.

ED 328 625

Immigration Law

Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.

ED 328 625

IMPACT II

Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition.

ED 328 626

Improvement Programs

Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools.

ED 328 399

Incentives

Comprehensive Retention and Attrition Model (CRAM).

ED 328 527

Incentives Closeup: Profiles of Twenty-One Teacher Incentive Programs. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 927

Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Summary of the Proceedings of a Seminar. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 959

Proceedings of a Seminar on Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 961

Teacher Incentives: State Level Initiatives in the NCREL Region. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 960

Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 928

Incest

The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults.

ED 327 773

Incidence

The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program.

ED 328 027

Independent Living

Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989.

ED 328 026

Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide.

ED 327 904

Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.

ED 327 903

Independent Reading

Independent Reading in English-Use of Graded Readers in the Library English as a Second Language Corner-.

ED 328 074

Teachers and Independent Reading: Suggestions for the Classroom.

ED 327 834

Independent Study

Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers.

ED 327 667

Independent Learning Activities in Science for Students At-Risk.

Infants

201

ED 328 457

Indexes

Resources in Education (RIE). Volume 26, Number 6.

ED 327 632

India (Bombay)

A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay.

ED 327 986

Indiana

Bibliographic Instruction in Indiana.

ED 328 259

Indiana Principal Leadership Academy

The Indiana Principal Leadership Academy: A Model for Professional Development.

ED 327 971

Individual Characteristics

The African American Woman. Runta (Truth).

ED 328 638

Individual Development

Decision-making and Professional Development. A Focus on the Individual.

ED 328 534

It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.

ED 327 997

Physical Education. Alabama Course of Study.

ED 328 526

South Carolina Guide for Child Development.

ED 328 368

Individual Differences

Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.

ED 328 646

Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).

ED 327 987

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance.

ED 328 593

"School Culture," Student Ethnicity, and Motivation. Project Report.

ED 327 947

Individualized Instruction

A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications.

ED 328 452

Individualized Programs

How To Develop an Individual Plan. Instructor's Guide.

ED 327 999

Industrial Revolution

The Industrial Revolution. Land and Freedom-Issues in World History.

ED 328 494

Industrial Training

Workplace Education. Tapping Your Greatest Asset in the 1990s: A Handbook on Education in the Workplace.

ED 327 689

Industry

BSIT Program: A Non-Traditional Learning Opportunity.

ED 328 123

Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How.

ED 327 734

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990.

ED 327 735

Infants

Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years.

ED 328 354

[Infants in Day Care].

- Inside the Black Box: Understanding Home Visiting Programs. ED 328 012
- [Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 336
- Inflation (Economics)**
Trends in Institutional Costs. ED 328 115
- Influences**
Planning for Quality: Perils and Possibilities. ED 328 188
A Review of Literature on Higher Education Institutional Planning. ED 328 189
- Informal Learning**
Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs. ED 328 357
Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children. ED 328 358
- Information Management**
Information Resources Management: A Bibliography with Indexes, 1984-1989. A Selection of Annotated References to Reports and Journal Articles Entered into the NASA Scientific and Technical Information System from 1984 through 1989. ED 328 274
- Information Needs**
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995. ED 328 261
The Role of Information in the Economy of the Southeast. ED 328 284
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District. ED 328 290
- Information Networks**
Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19. ED 328 258
The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990. ED 328 264
A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions. ED 328 199
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989). ED 328 244
- Information Retrieval**
Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19. ED 328 258
- Information Seeking**
Career Information Module for G&C 530, Career Development and Information Services. ED 327 750
Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project. ED 328 268
- Information Services**
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995. ED 328 261
A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions. ED 328 199
- The Role of Information in the Economy of the Southeast. ED 328 284
- Information Skills**
Teaching Students How To Learn: Ideas for Teaching Information Skills. ED 327 811
- Information Sources**
Gay and Lesbian Studies. A Research Guide for the UCLA Libraries. ED 328 271
- Information Storage**
Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266
- Information Technology**
The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990. ED 328 264
Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252
Copyright & Home Copying. Technology Challenges the Law. ED 328 262
Information Retrieval in Multimedia Sources in an Electronic Age. ED 328 275
Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989). ED 328 233
- Information Utilization**
Career Information Module for G&C 530, Career Development and Information Services. ED 327 750
- Infrastructure**
Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990). ED 328 382
- Inner City**
Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas. ED 328 656
- Innovation**
Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405
Earth Science. Focus on Excellence, Volume 3, Number 3. ED 328 406
Energy Education. Focus on Excellence, Volume 3, Number 1. ED 328 404
Innovations in College Science Teaching. ED 328 437
Issues Surrounding Entry-Level Workers. A Policy Report. ED 327 728
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403
Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402
- Implant Programs**
Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace. ED 327 689
- Inquiry**
BSAP Science Teaching through Inquiry. ED 328 454
- Inservice Education**
"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development. ED 328 519
Special Projects: An Historical Analysis. ED 328 024
[Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 010
- Inservice Teacher Education**
Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program. ED 328 351
Cooperative Discipline: Classroom Management that Promotes Self-Esteem. ED 328 555//
The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education. ED 328 514
Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University. ED 328 230
Special Education in Tanzania: Project Findings and Recommendations. Terminal Report. ED 328 040
The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453
Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide. ED 327 817
Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest. ED 328 082
The Value of Project Work in INSET. ED 328 081
- Institute for English Language Education (England)**
The Value of Project Work in INSET. ED 328 081
- Institutional Administration**
Planning for Quality: Perils and Possibilities. ED 328 188
A Review of Literature on Higher Education Institutional Planning. ED 328 189
- Institutional Advancement**
Annual Giving Strategies: A Comprehensive Guide to Better Results. ED 328 150
The Integration of Marketing in Post-Secondary Vocational Education. ED 327 679
The Status of Marketing in Secondary Vocational Education. ED 327 677
- Institutional Characteristics**
Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
The Current Status of T&I Teacher Education in the United States. ED 327 647
Databook and Annual Report: Maryland Community Colleges. ED 328 311
Educational Statistics of the Republic of China, 1990. ED 328 564
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 592
More Effective Schools/Teaching Project. Seventh Annual Report. ED 328 524
National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report. ED 328 615
RATE IV--Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project. ED 328 550
What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319

Subject Index

Institutional Cooperation

High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future."

ED 327 651

The School-to-Work Connection.

ED 327 675

Institutional Evaluation

Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students.

ED 327 666

Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education.

ED 327 665

Institutional Mission

Anti-Intellectualism in U.S. Schools.

ED 327 970

Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students.

ED 327 666

Decision-making and Professional Development. A Focus on the Individual.

ED 328 534

Institutional Research

Forecasting Enrollment in a Period of Institutional Transition. AIR Conference Paper.

ED 328 134

Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990).

ED 328 184

Institutional Role

The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.

ED 328 160//

Instructional Consultant Role

The Instructional Consultant Role of the School Library Media Specialist: A Research Study.

ED 328 276

Instructional Design

Classroom Instructional Design: Options for Teacher/Student Interaction.

ED 328 521

Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1.

ED 328 235

The Instructional Consultant Role of the School Library Media Specialist: A Research Study.

ED 328 276

Teaching about AIDS/HIV Disease to College Students.

ED 327 761

Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State.

ED 328 232

Instructional Development

Primary Guide for Instructional Planning.

ED 328 366

Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children.

ED 328 358

Instructional Effectiveness

The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills.

ED 327 842

Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.

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Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students.

ED 327 666

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools.

ED 327 830

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.

ED 327 829

Effective Teaching of Hearing Impaired Students in Different Environments.

ED 328 049

An Evaluation of a College Developmental Reading Program.

ED 327 839

ing Program.

ED 327 839

Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report # 3. National Research to Development Network for Public School Programs for the Hearing Impaired.

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Literacy: The Impact of Technology on Early Reading.

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Marva Collins' Way. Second Edition.

Meta-Analysis of Effects of Explicit Instruction for Critical Thinking.

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Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987).

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"Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach.

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Instructional Improvement

Classroom Instructional Design: Options for Teacher/Student Interaction.

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Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report.

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Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.

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Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest.

ED 328 082

Instructional Innovation

Authentic Writing Assessment. ERIC Digest.

ED 328 606

Instructional Leadership

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement.

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Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series.

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Current Issues and Research Findings in the Study of School Leadership. Project Report.

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An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form.

ED 327 911

The Indiana Principal Leadership Academy: A Model for Professional Development.

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Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report.

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The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report.

ED 327 945

Teacher Selection and Induction. Instructional Leadership Series.

ED 327 963

Teaching Styles. Instructional Leadership Series.

ED 327 964

Instructional Materials

Adult ESL Suggested Materials List.

ED 328 104

Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

ED 327 635

Competency Index for Building Trades Programs

Intelligence Tests

203

in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

ED 327 637

Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

ED 327 636

Good Education and Good Entertainment.

ED 328 223

A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10.

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Three-Year Sequence for High School Mathematics: Course I.

ED 328 442

Instructional Systems

Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4.

ED 328 213

Instrumentation

Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide.

ED 327 753

Insurance Companies

Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7.

ED 328 310

Integrated Curriculum

High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future."

ED 327 651

Holistic Learning: A Teacher's Guide to Integrated Studies.

ED 328 529//

Materials Science and Technology: A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How.

ED 327 734

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990.

ED 327 735

Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum.

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Integrated Library Systems

Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19.

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Integrated Postsecondary Data System

National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report.

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Intellectual Development

Anti-Intellectualism in U.S. Schools.

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Intellectual Disciplines

Baccalaureate Origins of Doctorate Recipients: A Ranking by Discipline of 4-Year Private Institutions. 6th Edition, 1920-1988 Data.

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Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27.

ED 328 355

International Resource Management.

ED 328 127

Intellectual Property

Copyright & Home Copying. Technology Challenges the Law.

ED 328 262

Intelligence

The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.

ED 328 035

Intelligence Tests

The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.

ED 328 035

Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.

- Shared Ability Analysis across Tests: A Cautionary Note. ED 328 585

ED 328 571

Intelligent Tutoring Systems

- Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51.

ED 328 216

- Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62.

ED 328 218

- Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61.

ED 328 217

Interaction

- Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62.

ED 328 218

- Interactional Problem-Solving in Mathematics Lessons: A Transcript Analysis.

ED 328 086

- Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85.

ED 328 220

Interactive Model

- Review of the Interactive Model: Reconsideration of Reading and Writing Relationship.

ED 327 831

Interactive Video

- How Computers Are Used in the Teaching of Music and Speculations about How Artificial Intelligence Could Be Applied to Radically Improve the Learning of Compositional Skills. CITE Report No. 6.

ED 328 480

- Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 935

- The Meaning of Professional Development in the 21st Century. Video Conference 8. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 936

- Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 937

Intercollegiate Cooperation

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ED 327 737

- Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform.

ED 328 156//

- Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach.

ED 328 396

- Strengthening Student Transfer and Articulation within the University of Nevada System.

ED 328 330

Intercultural Communication

- Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language (ICCS) English.

ED 328 101

- Reflections on International Bibliographic Standards.

ED 328 283

- Teaching Diverse Students: Cases and Commentaries.

ED 328 552

Interdisciplinary Approach

- Case Management of Adolescents with Chronic Disease.

ED 327 721

- Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents.

ED 327 790

- Great Minds? Great Lakes!

ED 328 455

- Science 10. Course of Studies, Draft.

ED 328 415

- Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum.

ED 328 419

- Transdisciplinary Teaming. Module 5. Bilingual/ESOL Special Education Collaboration and Reform Project.

ED 328 094

Intergenerational Programs

- Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342.

ED 327 736

Intermediate Care Facilities

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ED 327 992

Intermediate Grades

- Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6.

ED 328 451

Intermode Differences

- Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite.

ED 328 225

Internal Validity

- Meta-Analysis of Effects of Explicit Instruction for Critical Thinking.

ED 328 614

International Assn Evaluation Educ

Achievement

- The International Association for the Evaluation of Educational Achievement. ERIC Digest.

ED 328 604

International Cooperation

- Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.

ED 327 676

International Education

- International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).

ED 328 500

International Educational Exchange

- Coming and Going: Forty Years of the Fulbright Programme in New Zealand.

ED 328 149

- Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989).

ED 328 505

International Literacy Year 1990

- The Literacy Issue: Feminist Perspectives on Reading and Writing.

ED 328 102

International Organizations

- Foreign Language Policy-Making from a Dutch and European Point of View.

ED 328 060

- The International Association for the Evaluation of Educational Achievement. ERIC Digest.

ED 328 604

International Programs

- International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).

ED 328 500

UNESCO and Africa

ED 328 490

International Relations

Great Decisions '86

- Multinational Investment: Opportunity and Challenge.

ED 327 683

International Studies

- If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools.

ED 328 486

International Trade

- Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution.

ED 327 899

- Multinational Investment: Opportunity and Challenge.

ED 327 683

Internship Programs

- Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators.

ED 327 887

- A Cost Free Counseling Model for High Risk Elementary Students.

ED 327 788

- A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988.

ED 328 528

- A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third Year.

ED 328 523

- A Regional On-Site Administrator Preparation Program.

ED 327 913

- Teacher Education and Mentoring Program: Program Design and Research Results.

ED 328 540

- Teacher Induction Partnerships Program.

ED 328 124

Interpersonal Attraction

- Counselor Attractiveness, Similarity, and Session Impact: A Field Study.

ED 327 797

Interpersonal Communication

- Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV.

ED 327 794

- Communication Techniques for Individual and Organizational Coping with Job Burnout.

ED 327 896

- Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III.

ED 327 793

- Public Relations State-of-the-Art 2000: A Shift in Perception.

ED 328 175

- The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College.

ED 327 900

- Research on the Communication Development of Young Children with Deaf-Blindness.

ED 328 007

- Self/Career Development: Facilitating Small Group Process.

ED 327 745

- Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II.

ED 327 792

- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I.

ED 327 791

- A Study of Japanese and American Perceptions of Politeness in Requests.

ED 328 073

- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V.

ED 327 795

- Verbal and Nonverbal Communication in the Initiation of Sex.

ED 327 881

Interpersonal Competence

- Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

ED 328 002

- Development and Evaluation of a Social Skills

RJE JUN 1991

Subject Index

Training Program for Physically Aggressive Institutionalized Elderly.

ED 327 747

Majoring in the Rest of Your Life. Career Secrets for College Students.

ED 328 183//

Interpersonal Relationship

An Evaluation of the Effects of Parental Divorce on College Students.

ED 327 908

Interpreters

Transdisciplinary Teaming. Module 5. Bilingual/ESOL Special Education Collaboration and Reform Project.

ED 328 094

Interprofessional Relationship

The Training of Teacher-Librarians-Paving the Way.

ED 328 289

Interrater Reliability

Applying Empirical Analyses to the Evaluation of Test Content.

ED 328 621

Preservice Teacher Evaluation.

ED 328 530

Intervention

How To Position People with Severe Disabilities. Instructor's Guide.

ED 328 001

Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas.

ED 328 657

Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School.

ED 328 004

Readings in Ecosocial Development.

ED 327 990

Reducing the Suspension Rate among the Disaffected Elementary School Population.

ED 328 365

Research on the Communication Development of Young Children with Deaf-Blindness.

ED 328 007

Interviews

Doing Democracy: Case Study at Cato Park.

ED 328 473

Ideas for Integrating the Microcomputer with High School Science.

ED 328 443

An Interview with Werner F. Leopold.

ED 328 056

Introductory Courses

Basic Communication Course Annual. Volume 2.

ED 327 906

Basic Course Communication Annual. Volume 1.

ED 327 905

Invented Spelling

Developmental Spelling and Other Language Predictors of Reading Achievement.

ED 327 815

Investment

Multinational Investment: Opportunity and Challenge.

ED 327 683

Iowa

Caring for Iowa's Children.

ED 328 475

Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted.

ED 328 044

Iowa Tests of Basic Skills

Developmental Spelling and Other Language Predictors of Reading Achievement.

ED 327 815

Iraq

The History of the March toward Literacy in Iraq.

ED 328 472

Israel

The Nature of "Exemplary" Science Teachers: Implications for Teacher Education.

ED 328 430

Item Bias

A Brief Overview of Three Classes of Methods for

RIE JUN 1991

Detecting Item Bias.

ED 328 578

Item Response Theory

An Item Response Theory Model for Test Bias.

ED 328 584

Jackknifing Technique

Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic.

ED 328 574

Jackson (Jesse)

Jesse Jackson: Still Fighting for the Dream.

ED 328 660//

Japan (Hiroshima)

International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).

ED 328 500

Japanese

A Study of Japanese and American Perceptions of Politeness in Requests.

ED 328 073

Jews

Female, Lesbian, and Jewish: Complex and Invisible.

ED 327 757

Job Analysis

Getting a Job in the Computer Age.

ED 327 778

Job Application

Majoring in the Rest of Your Life. Career Secrets for College Students.

ED 328 183//

Job Placement

Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89.

ED 328 331

Job Related Mathematics

Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3.

ED 327 702

Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6.

ED 327 705

Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5.

ED 327 704

Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4.

ED 327 703

Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.

ED 327 706

Measurement Conversions: English and Metric Systems. Fundamentals of Occupational Mathematics. Module 9.

ED 327 708

More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10.

ED 327 709

Order of Operations. Fundamentals of Occupational Mathematics. Module 12.

ED 327 711

Place Value. Fundamentals of Occupational Mathematics. Module 1.

ED 327 700

Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.

ED 327 710

Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.

ED 327 707

Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2.

ED 327 701

Job Relevance

A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination.

ED 328 558

Job Satisfaction

Consumer Choice and Satisfaction. NARF Technical Assistance Series.

ED 328 019

Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8.

ED 328 301

Some African American and Hispanic Voices from the University of Toledo. A Monograph.

ED 328 153

Teachers Commitment and Job Satisfaction. Project Report.

ED 327 951

Test of a Three-Factor Model of Teacher Commitment.

ED 328 546

Job Skills

Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

ED 327 635

Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

ED 327 637

Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.

ED 327 636

Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).

ED 327 652

Getting a Job in the Computer Age.

ED 327 778

What Do Workers Have To Say? Skills & Technological Change.

ED 327 719

Job Training

Black Americans and Public Policy: Perspectives of the National Urban League.

ED 328 651

Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).

ED 327 652

Employment Services Needs of Veterans.

ED 327 684

Model Offices: Flexible Options, Local Innovations.

ED 327 685

Off Welfare, into Work.

ED 327 654

Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education.

ED 327 691

Stack Maintenance Student Aide Training Manual and Handbook. Revised.

ED 328 287

Training for Work: What the U.S. Can Learn from Europe.

ED 327 641

Unemployment Insurance. Maintaining the Foundation of Economic Security.

ED 327 680

Veterans Employment and Training Programs. Report from the Committee on Veteran's Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.

ED 327 669

Job Training Partnership Act 1982

JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations.

ED 327 642

Model Offices: Flexible Options, Local Innovations.

ED 327 685

Survey of Ohio Employers. Job Training Partnership Program Year 1988.

ED 327 640

Journal of Academic Librarianship

What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing.

ED 328 245

Journal of Educational Research

Canonical Correlation: Terms and Descriptions.

ED 328 567

Journal Writing

The Relationship between Journal Writing in Education and Thinking Processes: What Educators Say about It.

ED 327 870

Journalism

How Advisers View Changes in the High School Press in the Post-Hazelwood Era.

ED 327 877

Journalism Education

Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.

ED 328 579

Judaism

Divorce and Bar Mitzvah: A First Look.

ED 327 742

Female, Lesbian, and Jewish: Complex and Invisible.

ED 327 757

Junior High School Students

The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students.

ED 328 573

Junior High Schools

Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3.

ED 328 461

Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2.

ED 328 460

Juniper Gardens Children's Project

Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report.

ED 328 054

Kansas

Methods of Financing Educational Facilities in the United States.

ED 327 916

Kellogg Foundation

The Origins and Rise of Associate Degree Nursing Education.

ED 328 154//

Kendall Demonstration Elementary School**DC**

Preschool Curriculum Guide.

ED 328 043

Kindergarten

Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50.

ED 328 360

A Model Information Workshop for Prospective TK Parents.

ED 328 353

Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade.

ED 328 445

Kindergarten Children

Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing.

ED 328 361

Kinesthetic Methods

Brain Gym. Simple Activities for Whole Brain Learning.

ED 328 436//

King (Martin Luther Jr)

Martin Luther King, Jr.: The Dream of Peaceful Revolution.

ED 328 661//

Knowledge

Thinking and the Teaching of Thinking for Children.

ED 328 345

Knowledge Level

A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination.

ED 328 558

What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey.

ED 327 740

Knowledge Representation

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance.

ED 328 593

Kuhlthau Model

Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project.

ED 328 268

Labeling (of Persons)

Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception.

ED 327 803

Stony the Road They Trod: The African American Male. Runta (Truth).

ED 328 637

Labor Force Development

The Challenge of Education: No Time To Waste, No Room, for Failure.

ED 328 633

Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).

ED 327 652

Issues Surrounding Entry-Level Workers. A Policy Report.

ED 327 728

PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training.

ED 327 717

Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

ED 328 381

Training for Work: What the U.S. Can Learn from Europe.

ED 327 641

Labor Market

Multinational Investment: Opportunity and Challenge.

ED 327 683

Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.

ED 328 656

Workforce Trends. An Assessment of the Future by Employment Security Agencies.

ED 327 638

Labor Needs

Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.

ED 328 625

Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee.

ED 328 187

Workforce Trends. An Assessment of the Future by Employment Security Agencies.

ED 327 638

Labor Relations

Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum.

ED 327 686

Labor Supply

Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year

2000-The National Science Foundation's Role.

ED 328 428

Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee.

ED 328 187

Labor Turnover

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.

ED 328 031

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics.

ED 328 034

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.

ED 328 032

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans.

ED 328 033

Laboratory Experiments

Micro Labs for High School Chemistry.

ED 328 395

Laboratory Schools

RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.

ED 328 550

Land Grant Universities

Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region.

ED 328 387

Land Use

The Industrial Revolution. Land and Freedom-Issues in World History.

ED 328 494

Land and Freedom-Issues in World History.

ED 328 496

Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction].

ED 328 495

Who Owns Your Land?

ED 328 379

Language Acquisition

Children and Books. Children and Language Series.

ED 327 852

Developing a Language Program. Children and Language Series.

ED 327 849

Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project.

ED 328 091

Parents, Children and Language. Children and Language Series.

ED 327 851

Preschool Curriculum Guide.

ED 328 043

A School Is a Language Place. Children and Language Series.

ED 327 850

Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project.

ED 328 092

Understanding Reading and Writing. Children and Language Series.

ED 327 853

Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project.

ED 328 093

Language Maintenance

Linguist Proficiency Improvement Courses.

ED 328 097

Modelling and Assessing Foreign Language Loss.

ED 328 071

Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest.

ED 328 082

Language Patterns

Cognitive Structures in BBC Financial Reports.

ED 328 084

Discourse and Processing Constraints on the Pro-

RIE JUN 1991

Subject Index

- duction of Controlled Narratives. ED 328 088
- Language Planning**
Foreign Language Policy-Making from a Dutch and European Point of View. ED 328 060
- Language Processing**
Context Effects in Comprehending Familiar and Unfamiliar Proverbs. ED 327 876
Discourse and Processing Constraints on the Production of Controlled Narratives. ED 328 088
Toru Matsumoto's "Think in English" Approach. ED 328 080
- Language Proficiency**
Linguist Proficiency Improvement Courses. ED 328 097
Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A. ED 328 077
Middle Immersion Study 1988. Research Paper 88-08. ED 328 076
Modelling and Assessing Foreign Language Loss. ED 328 071
Test Validity and Language Background: A Study of Hispanic American Students at Six Universities. ED 328 623//
Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest. ED 328 082
- Language Role**
Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
Foreign Language Policy-Making from a Dutch and European Point of View. ED 328 060
Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888
- Language Skill Attrition**
Modelling and Assessing Foreign Language Loss. ED 328 071
- Language Skills**
Child Development and the Tool Subjects in Rural Areas. Yearbook 1941. ED 328 371
Children and Books. Children and Language Series. ED 327 852
Developing a Language Program. Children and Language Series. ED 327 849
Parents, Children and Language. Children and Language Series. ED 327 851
A School Is a Language Place. Children and Language Series. ED 327 850
Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 092
Understanding Reading and Writing. Children and Language Series. ED 327 853
Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 093
- Language Teachers**
Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest. ED 328 082
- Language Tests**
Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 091
Modelling and Assessing Foreign Language Loss. ED 328 071
The Validity of Writing Test Tasks. ED 328 072

- Language Usage**
Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888
- Languages for Special Purposes**
Business French: Cultural Content and Implications. ED 328 075
- Late Registration**
Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee? ED 328 324
- Latin America**
Education in Latin America-Comparative. ED 328 504
- Law Related Education**
Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299
- Layout (Publications)**
Basics of Desktop Publishing. Teacher Edition. ED 327 658
Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide. ED 327 662
- Leadership**
The Board and the President. ED 328 207//
Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990). ED 328 184
Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report. ED 328 054
Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach. ED 328 396
Student Leadership in Forensic Programs. ED 327 902
Teachers Commitment and Job Satisfaction. Project Report. ED 327 951
- Leadership Qualities**
The Superintendency in the Nineties; What Superintendents and Board Members Need To Know. ED 327 922//
- Leadership Styles**
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report. ED 327 945
A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978
- Leadership Training**
An Innovative Principal Preparation Program: A Structural Approach. ED 327 974
Principal Leadership: A Theoretical Framework for Research. Project Report. ED 327 952
Training Student Organizers Curriculum, Revised Edition. ED 328 424

Learning Resources Centers

207

- Learning Controlled Instruction**
Independent Learning Activities in Science for Students At-Risk. ED 328 457
- Learning**
Commitment to Higher Education: Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno. ED 328 200//
- Learning Activities**
Brain Gym. Simple Activities for Whole Brain Learning. ED 328 436//
Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture. ED 328 636
Harnett County Schools Academically Gifted Curriculum K-8. ED 327 989
Home Activities for Fours. ED 328 338
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom. ED 328 427//
Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4. ED 328 450
Peace Corps Aquaculture Training Manual. Training Manual T0057. ED 327 732
Playtime Is Science: Implementing a Parent/Child Activity Program. ED 328 342
Pneumatics. ED 327 716
Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children. ED 328 358
School "Culture." Motivation, and Achievement. Project Report. ED 327 949
Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449
Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451
Three-Year Sequence for High School Mathematics: Course I. ED 328 442
Training Student Organizers Curriculum, Revised Edition. ED 328 424
- Learning Disabilities**
A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes. ED 328 036
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children. ED 328 035
- Learning Processes**
BSAP Science Teaching through Inquiry. ED 328 454
Comprehension and Communicative Evidence in Operative Mathematics Instruction. ED 328 087
Interactional Problem-Solving in Mathematics Lessons: A Transcript Analysis. ED 328 086
Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173. ED 328 065
A Study of Instruction as Discourse. ED 328 516
- Learning Resources Centers**
Getting the Facts As Soon As Possible Through Fax. ED 328 272
Library Media Center Design Considerations for Physically Disabled Students. ED 328 279
A Plan To Reduce Library Book Losses. ED 328 282
School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET.

- Special Report.**
Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students. ED 328 286
- Learning Strategies**
The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills. ED 328 291
- Brain Gym. Simple Activities for Whole Brain Learning. ED 327 842
- The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training. ED 328 436//
- Middle Grades Teacher Preparation: A Future Focus. ED 328 561
- Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction. ED 328 547
- Learning Theories**
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//
- The Different Forms of Learning in Psychology and Education. CITE Report No. 24. ED 328 481
- The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring To Promote Learning in America's Schools, a Guidebook. ED 327 929
- Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Lecture Method**
Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
- A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications. ED 328 452
- Legal Assistants**
Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299
- Legal Responsibility**
The Confidentiality Rights of HIV-Infected Individuals within a School. ED 327 915
- Copyright & Home Copying. Technology Challenges the Law. ED 328 262
- Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session. ED 327 968
- Regulating Racial Harassment on Campus: A Legal Compendium. ED 328 204
- School Officials and the Courts: Update 1990. ERS Monograph. ED 327 979//
- Legends**
Filed Higher and Deeper: The Folklore of Campus Life. ED 328 170//
- Leopold (Werner F)**
An Interview with Werner F. Leopold. ED 328 056
- Lesbianism**
Female, Lesbian, and Jewish: Complex and Invisible. ED 327 757
- Gay and Lesbian Studies. A Research Guide for the UCLA Libraries. ED 328 271
- Lesson Plans**

- Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture. ED 328 636
- Lexical Decomposition Strategy**
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence. ED 328 096
- Liberal Arts**
The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137
- Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 106//
- Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138
- Tenured Radicals: How Politics Has Corrupted Our Higher Education. ED 328 110//
- Liberty University VA**
The Economic Impact of Liberty University on the Lynchburg Area. ED 328 158
- Librarian Attitudes**
Bibliographic Instruction in Indiana. ED 328 259
- Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper. ED 328 273
- The Training of Teacher-Librarians-Paving the Way. ED 328 289
- Library Administration**
Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252
- Use of Management Statistics in ARL Libraries. SPEC Kit #153. ED 328 251
- Library Automation**
School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report. ED 328 286
- Library Circulation**
Academic Libraries: 1988. E.D. TABS. ED 328 255
- Onsite Access to Library Collections by Visiting Scholars. ED 328 253
- A Plan To Reduce Library Book Losses. ED 328 282
- Library Collections**
Academic Libraries: 1988. E.D. TABS. ED 328 255
- Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252
- Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution. ED 328 263
- Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad. ED 328 265
- Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress. ED 328 288
- Use of Management Statistics in ARL Libraries. SPEC Kit #153. ED 328 251
- Library Development**
Bibliographic Instruction in Indiana. ED 328 259
- Library Education**
The Training of Teacher-Librarians-Paving the Way. ED 328 289
- Library Expenditures**
Academic Libraries: 1988. E.D. TABS. ED 328 255

- Use of Management Statistics in ARL Libraries. SPEC Kit #153. ED 328 251
- Library Facilities**
Disaster Planning. ALIC Bibliography 1990-1. ED 328 246
- Library Media Center Design Considerations for Physically Disabled Students. ED 328 279
- Library Guides**
CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada. ED 328 247
- CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3. ED 328 248
- Library Instruction**
Bibliographic Instruction in Indiana. ED 328 259
- Library Research Guide for International Students. 2nd Edition. ED 328 280
- Library Materials**
The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1. ED 328 257
- Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution. ED 328 263
- Disaster Planning. ALIC Bibliography 1990-1. ED 328 246
- Stack Maintenance Student Aide Training Manual and Handbook. Revised. ED 328 287
- Library Networks**
Getting the Facts As Soon As Possible Through Fax. ED 328 272
- School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report. ED 328 286
- Library of Congress**
Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress. ED 328 288
- Library Personnel**
Academic Libraries: 1988. E.D. TABS. ED 328 255
- Library Role**
Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet. ED 328 270
- The Training of Teacher-Librarians-Paving the Way. ED 328 289
- Library Services**
The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1. ED 328 257
- Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995. ED 328 261
- Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad. ED 328 265
- Family Literacy Library Programs: Models of Service. ED 328 269
- Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet. ED 328 270
- Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper. ED 328 273
- Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. RIE JUN 1991

Subject Index

- Library Programs. Library Programs for the Handicapped. Fiscal Year 1987. ED 328 277
- Onsite Access to Library Collections by Visiting Scholars. ED 328 278
- Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report. ED 328 253
- Library Services and Construction Act
Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. ED 328 277
- Library Programs. Library Programs for the Handicapped. Fiscal Year 1987. ED 328 278
- Library Standards**
Reflections on International Bibliographic Standards. ED 328 283
- Library Statistics**
Academic Libraries: 1988. E.D. TABS. ED 328 255
- Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252
- Onsite Access to Library Collections by Visiting Scholars. ED 328 253
- Use of Management Statistics in ARL Libraries. SPEC Kit #153. ED 328 251
- Library Technical Processes**
Automated Authority Control in ARL Libraries. SPEC Kit #156. ED 328 254
- Licensing Examinations (Professions)**
A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination. ED 328 558
- State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
- Lighting**
Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries. ED 327 733
- Limited English Speaking**
An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089
- Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
- Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 090
- Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students. ED 328 066
- Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987). ED 328 069
- Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 092
- Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 093
- Linguistic Theory**
Discourse and Processing Constraints on the Production of Controlled Narratives. ED 328 088
- Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990. ED 328 095

- Listening Comprehension**
The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling. ED 327 826
- Listening Habits**
The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling. ED 327 826
- Listening Skills**
The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling. ED 327 826
- Literacy**
The History of the March toward Literacy in Iraq. ED 328 472
- Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. ED 328 277
- Literacy in an Emergent Society: Papua New Guinea. ED 327 816
- Literacy Education**
Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless. ED 327 731
- Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons. ED 327 650
- Adult Literacy for Development: The Logic and Structure of Economic Motivations. ED 327 648
- ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39. ED 327 692
- A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report. ED 327 697
- Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
- The Essential Theory of Literacy and Its Implications for Programming and Evaluation. ED 327 649
- An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners. ED 328 267
- Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- Family Literacy Library Programs: Models of Service. ED 328 269
- Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5. ED 327 671//
- Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet. ED 328 270
- Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide. ED 327 653
- Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language (ICCS) English. ED 328 101
- The Literacy Issue: Feminist Perspectives on Reading and Writing. ED 328 102
- The Need for Workplace Literacy Partnerships. ED 327 643
- Profiles of State Programs: Adult Education for the Homeless. ED 327 730
- Women's Kit. ED 328 103
- Workplace Literacy Partnerships Program. Final Performance Report.

Louisiana

209

- Literacy Events
Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 327 822
- Literature Appreciation**
The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
- Dangerous Liaisons: When Film and Literature Meet. ED 327 863
- Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures. ED 327 859
- Writing about Literature: The Paper of Many Parts. ED 327 872
- Loan Default**
Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate. ED 328 167
- Lobbying**
Action: A Manual To Help You Organize. This Means War! And We Do Mean Business. ED 327 994
- Locus of Control**
Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary. ED 328 658
- Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood. ED 327 806
- Logic**
Logicity and Emotionality in Argumentation. ED 327 895
- Logical Thinking**
An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers. ED 328 541
- LOGO Programing Language**
How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative. ED 328 226
- Logotherapy**
Human Interactions in Education: The Museum as an Experiential Learning Center. ED 328 493
- Loneliness**
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness. ED 327 741
- The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College. ED 327 900
- Long Range Planning**
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995. ED 328 261
- It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates. ED 327 997
- Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book. ED 328 053
- Louisiana**
American History Guide, Bulletin 1599. Revised 1989. ED 328 469

Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995.

ED 328 261

The Threat of a State Graduation Examination for Non-Public Schools in Louisiana.

ED 328 366

Low Achievement

Teacher Expectations and Low-Achieving Students.

ED 328 627

Low Income Groups

Penn State-Behrend/Diehl Elementary School Adopt-A-School Program.

ED 328 130

Lunch Programs

White Paper on School-Lunch Nutrition.

ED 328 538

Machine Tools

Drill Presses.

ED 327 713

Industrial Automation Mechanic Model Curriculum Project. Final Report.

ED 327 693

Orientation to Machine Shop. Safety, Machine Identification, Metal Identification.

ED 327 712

Pedestal Grinder.

ED 327 715

Machinery Industry

Drill Presses.

ED 327 713

Machinists

Access, Equity, and Opportunity. Women in Machining: A Model Program.

ED 327 718

Madison (James)

James Madison's Practical Ideals for the 1990s.

ED 328 507

Mainstreaming

Alternative Models for Integration of Exceptional Students: Administrative and Research Implications.

ED 328 041

Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation.

ED 327 688

Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

ED 328 002

Effective Teaching of Hearing Impaired Students in Different Environments.

ED 328 049

A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report.

ED 328 015

Implementation Strategies for Integration. An Administrator's Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

ED 328 003

Special Education in South Africa-Who Plays God?

ED 328 052

Males

The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students.

ED 328 647

Gender Aware Therapy: Implications for Therapists and Male Clients.

ED 327 771

Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas.

ED 328 657

Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.

ED 327 804

Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials.

ED 328 364

Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.

ED 328 585

Social Mobility in a National Sample of Young Adult Males; How Young People Get Ahead in America.

ED 328 176

Stony the Road They Trod: The African American Male. Runta (Truth).

ED 328 637

Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.

ED 328 656

Man Machine Systems

Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51.

ED 328 216

Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85.

ED 328 220

Management Development

Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.

ED 327 668

Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers.

ED 327 667

The Indiana Principal Leadership Academy: A Model for Professional Development.

ED 327 971

An Innovative Principal Preparation Program: A Structural Approach.

ED 327 974

Management Information Systems

A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations.

ED 328 590

The Role of Information System for Education Planning and Management.

ED 328 285

Management Systems

Quality Circle/Site-Based Management Implementation in Public School Districts.

ED 327 984

Manitoba

Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12.

ED 328 432

Manufacturing

Exploring Technology Education. Second Edition. Teacher Guide.

ED 327 655

Manufacturing Industry

Orientation to Machine Shop. Safety, Machine Identification, Metal Identification.

ED 327 712

Pedestal Grinder.

ED 327 715

Maori (People)

Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988).

ED 328 359

Marital Coping Inventory (Zbrowski Ber-

man) Assessing the Process of Marital Adaptation: The Marital Coping Inventory.

ED 327 802

Marital Instability

Handbook for Domestic Violence Victims.

ED 327 777

Marital Satisfaction

Assessing the Process of Marital Adaptation: The Marital Coping Inventory.

ED 327 802

Maritime Education

Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries.

ED 327 733

Markedness

Discourse and Processing Constraints on the Production of Controlled Narratives.

ED 328 088

Marketing

Annual Giving Strategies: A Comprehensive Guide to Better Results.

ED 328 150

The Concerns of the Marketing Education Profession.

ED 327 678

Economic Development for Small Communities and Rural Areas.

ED 327 687

The Integration of Marketing in Post-Secondary Vocational Education.

ED 327 679

Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution.

ED 327 899

The Status of Marketing in Secondary Vocational Education.

ED 327 677

Marketing Strategies

100 Ways Colleges Serve Adults.

ED 328 159//

Marriage Counseling

Prescribed Exercise Behavior in the Treatment of Spouse Abuse.

ED 327 766

Maryland

County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9.

ED 328 312

Databook and Annual Report: Maryland Community Colleges.

ED 328 311

Masculinity

Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.

ED 327 804

Masculinity Femininity Variable

The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.

ED 328 562

Mass Media

Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum.

ED 327 910

Mass Media Effects

Mass Communication Effects: A Weakness Theorem.

ED 327 901

Mass Media Role

Environmental Education in the Developing World.

ED 328 439

Massachusetts

Dropout Rates in Massachusetts Public Schools: 1989.

ED 328 652

Massachusetts (West)

Western Massachusetts Five College/Public School Partnership.

ED 328 152

Material Development

Annual Report, 1989-1990.

ED 328 242

Community Resources in Rural Schools. Yearbook 1939.

ED 328 370

The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development.

ED 328 295

Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report.

ED 328 064

Materials Technology

Materials Science and Technology. A Preview of an Exemplary High School Course Where Stu-

DIE JUN 1991

Subject Index

dents Explore New Frontiers of Scientific and Vocational Education Know-How.

ED 327 734

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990.

ED 327 735

Maternal Health

Inside the Black Box: Understanding Home Visiting Programs.

ED 328 336

Mathematical Applications

Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5.

ED 327 704

Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.

ED 327 706

Measurement Conversions: English and Metric Systems. Fundamentals of Occupational Mathematics. Module 9.

ED 327 708

More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10.

ED 327 709

Order of Operations. Fundamentals of Occupational Mathematics. Module 12.

ED 327 711

Place Value. Fundamentals of Occupational Mathematics. Module 1.

ED 327 700

Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.

ED 327 710

Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.

ED 327 707

Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2.

ED 327 701

Mathematical Concepts

Comprehension and Communicative Evidence in Operative Mathematics Instruction.

ED 328 087

Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4.

ED 328 085

Interactional Problem-Solving in Mathematic Lessons: A Transcript Analysis.

ED 328 086

Mathematical Models

An Item Response Theory Model for Test Bias.

ED 328 584

Mathematics Achievement

The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13.

ED 328 463

The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students.

ED 328 573

A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.

ED 328 560

A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications.

ED 328 452

Mathematics Curriculum

The Coordinated Implementation of National and State-by-State Reform in School Mathematics.

ED 328 433//

Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum.

ED 328 419

Mathematics Education

Sorting: Groups and Graphs. Used Numbers. Grades 2-3.

ED 328 449

Mathematics Education Research

R1E JUN 1991

Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality.

ED 328 408

Mathematics Instruction

Advisory List of Computer Courseware. December 1990.

ED 328 240

Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3.

ED 327 702

Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6.

ED 327 705

Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5.

ED 327 704

Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4.

ED 327 703

Comprehension and Communicative Evidence in Operative Mathematics Instruction.

ED 328 087

Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4.

ED 328 085

Effective Teaching of Hearing Impaired Students in Different Environments.

ED 328 049

An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers.

ED 328 541

Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.

ED 327 706

How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom.

ED 328 427//

Index to Courseware on Advisory Lists: January 1986-November 1990.

ED 328 241

Interactional Problem-Solving in Mathematic Lessons: A Transcript Analysis.

ED 328 086

Measurement Conversions: English and Metric Systems. Fundamentals of Occupational Mathematics. Module 9.

ED 327 708

More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10.

ED 327 709

Order of Operations. Fundamentals of Occupational Mathematics. Module 12.

ED 327 711

Place Value. Fundamentals of Occupational Mathematics. Module 1.

ED 327 700

Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.

ED 327 710

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Memphis City Schools TN

211

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S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session.

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Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series. ED 327 928
- Northeast Missouri State University**
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores. ED 328 145
- Novels**
My Cousin the Arab. ED 327 848
- Nuclear Warfare**
International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982). ED 328 500
- Number Concepts**
Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5. ED 327 704
NCTM Student Math Notes, January-December, 1990. ED 328 413
Student Math Notes, January-November 1990. ED 328 426
- Numbers**
Place Value. Fundamentals of Occupational Mathematics. Module 1. ED 327 700
- Numeric Databases**
Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19. ED 328 258
- Numerical Control**
Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education. ED 327 691
- Nurses**
Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8. ED 328 301
Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. ED 328 187
- Nursing**
The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers. ED 327 674
Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education. ED 327 673
Teaching Basic Caregiver Skills. ED 327 672
- Nursing Education**
Factors That Affect Success in Nursing. Research Report No. 89-28R.

- Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8. ED 328 316
- The Origins and Rise of Associate Degree Nursing Education. ED 328 301
- Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. ED 328 187
- Nutrition**
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee. ED 327 633
- Nutrition Instruction**
Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report. ED 328 352
- White Paper on School-Lunch Nutrition. ED 328 538
- Obesity**
Childhood Obesity. ERIC Digest. ED 328 556
- Objectives**
Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota. ED 327 991
- Objectivity**
Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6. ED 328 568
- Occupational Information**
Addressing Employer Services. ED 327 681
- Getting a Job in the Computer Age. ED 327 778
- Occupational Safety and Health**
Drill Presses. ED 327 713
- Hydraulics. ED 327 714
- Orientation to Machine Shop. Safety, Machine Identification, Metal Identification. ED 327 712
- Pedestal Grinder. ED 327 715
- Vocational Education Safety Instruction Manual. ED 327 723
- Office of Special Education Programs**
Special Projects: An Historical Analysis. ED 328 024
- Ohio**
Survey of Ohio Employers. Job Training Partnership Program Year 1988. ED 327 640
- Ohio (Northwest)**
Curriculum Management in 29 School Districts in Northwest Ohio. ED 327 923
- Older Adults**
Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly. ED 327 747
- How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings. ED 327 787
- Special Problems of the Elderly. ED 327 758
- On the Job Training**
Employer Needs Assessment. ED 328 325
- Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report. ED 327 695
- Online Searching**
Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252

Information Retrieval in Multimedia Sources in an Electronic Age. ED 328 275

Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students. ED 328 291

Online Systems
Automated Authority Control in ARL Libraries. SPEC Kit #156. ED 328 254

Ontario
Inventory of Physical Facilities of Ontario Universities, 1989-90. ED 328 190

The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453

Ontario (Toronto)
Introducing New Technology: Chasing a Dream. ED 328 208

Open University (Great Britain)
Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078

Computer Conferencing and Mass Distance Education. CITE Report No. 98. ED 328 221

Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10. ED 328 214

The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project. ED 328 219

Optical Data Disks
Information Retrieval in Multimedia Sources in an Electronic Age. ED 328 275

Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students. ED 328 291

Oral Interpretation
An Outline of Rehearsal Procedures for Solo Performances in the Beginning Interpretation Classroom. ED 327 885

Oral Presentations
An Outline of Rehearsal Procedures for Solo Performances in the Beginning Interpretation Classroom. ED 327 885

Order of Operations (Mathematics)
Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4. ED 327 703

Order of Operations. Fundamentals of Occupational Mathematics. Module 12. ED 327 711

Oregon
Parenthood Education Curriculum 1990. ED 327 752

Oregon (Portland)
Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning. ED 327 754

Drug Impact Index. ED 327 775

Organizational Change
Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 935

Many Roads To Fundamental Reform: Getting Started. Video Conference 6. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 934

Organizational Climate
Communication Techniques for Individual and Organizational Coping with Job Burnout. ED 327 896

Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//

Teacher Burnout in Diverse Elementary School Environments. ED 328 539

Transdisciplinary Teaming. Module 5. Bilingual-/ESOL Special Education Collaboration and Reform Project. ED 328 094

Organizational Communication

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement. ED 327 957

Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series. ED 327 958

A Guide to Public School Cooperation Committees in Pennsylvania. ED 327 982

Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//

Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings. ED 327 884

Organizational Development

Decision-making and Professional Development. A Focus on the Individual. ED 328 534

The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237

Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings. ED 327 884

Organizational Effectiveness

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement. ED 327 957

Organizations (Groups)

A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations. ED 328 590

Orphans

Caring for Iowa's Children. ED 328 475

Ottawa

Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A. ED 328 077

Middle Immersion Study 1988. Research Paper 88-08. ED 328 076

Outcomes of Education

The African American Woman. Runta (Truth). ED 328 638

Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills. ED 328 515

A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report. ED 327 697

Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction. ED 327 668

Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7. ED 328 300

Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304

Follow-Up Study of 1989 Dental Hygiene Graduates. ED 328 304

Subject Index

- ates. Volume XIX, No. 2. ED 328 306
- A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344. ED 327 738
- Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335
- Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89. ED 328 331
- Report on Career Placement and External Transfer of 1989 Graduates. ED 328 314
- Review of Evaluation Procedures Used in Project POWER. ED 327 645
- Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3. ED 328 307
- Vocies and Preppies. The Winner in Written Communication Skills Is... ED 327 644
- Outreach Programs**
- Addressing Employer Services. ED 327 681
- Promoting Fun in Physics. ED 328 122
- Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report. ED 328 352
- Pacing**
- A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications. ED 328 452
- Pakistan (Karachi)**
- War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women. ED 327 768
- Paper (Material)**
- Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide. ED 327 662
- Paper and Pencil Tests**
- Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2. ED 328 581
- Papua New Guinea**
- Literacy in an Emergent Society: Papua New Guinea. ED 327 816
- Parent Aspiration**
- Como escoger una escuela para su hijo (Choosing a School for Your Child). ED 327 965
- Parent Attitudes**
- Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R. ED 328 322
- Writing: Parents and Children at Work. ED 327 846
- Parent Child Relationship**
- Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
- Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV. ED 327 794
- Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S. ED 328 646
- Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III. ED 327 793
- Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II. ED 327 792

- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 791
- [Supporting Culturally Diverse Families with Infants and Toddlers]. ED 328 013
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 795
- Parent Counseling**
- Divorce and Bar Mitzvah: A First Look. ED 327 742
- Parent Education**
- Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV. ED 327 794
- Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
- Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III. ED 327 793
- Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II. ED 327 792
- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 791
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 795
- Parent Influence**
- Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- Parent Orientation**
- Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50. ED 328 360
- Parent Participation**
- The Challenge of Education: No Time To Waste, No Room, for Failure. ED 328 633
- Como escoger una escuela para su hijo (Choosing a School for Your Child). ED 327 965
- Development of a Teacher-Parent Communication Program To Achieve Higher Academic Performance for Failing Tenth Grade Students. ED 327 760
- Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 327 822
- Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50. ED 328 360
- Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report. ED 328 064
- Parents, Children and Language. Children and Language Series. ED 327 851
- Playtime Is Science: Implementing a Parent/Child Activity Program. ED 328 342
- R.I.P.: Registration Involving Parents. ED 328 391
- Writing: Parents and Children at Work. ED 327 846
- Parent Rights**
- Special Education: Parent and Student Rights. [Updated.] ED 328 022
- Parent Role**
- Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S. ED 328 646
- Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years. ED 328 354
- Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 327 822

Partnerships in Education 217

- Parents, Children and Language. Children and Language Series. ED 327 851
- Parent School Relationship**
- Como escoger una escuela para su hijo (Choosing a School for Your Child). ED 327 965
- A Model Information Workshop for Prospective TK Parents. ED 328 353
- R.I.P.: Registration Involving Parents. ED 328 391
- Parent Student Relationship**
- The Changing History-Social Science Curriculum: A Booklet for Parents. ED 328 468
- Parent Teacher Conferences**
- A Model Information Workshop for Prospective TK Parents. ED 328 353
- Parent Teacher Cooperation**
- Development of a Teacher-Parent Communication Program To Achieve Higher Academic Performance for Failing Tenth Grade Students. ED 327 760
- Parenthood Education**
- Parenthood Education Curriculum 1990. ED 327 752
- Teachers and National Development with Special Reference to Family Life Education. ED 328 517
- Parents as Teachers**
- Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- Playtime Is Science: Implementing a Parent/Child Activity Program. ED 328 342
- Reading Made Easy: A Handbook. ED 327 824
- Participant Characteristics**
- NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192
- Participant Satisfaction**
- Continuing Student Survey Results, Fall 1990. ED 328 326
- Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7. ED 328 300
- Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8. ED 328 301
- Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 306
- Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299
- Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients. ED 328 327
- Regional Campuses New Freshmen Survey. ED 328 329
- Participative Decision Making**
- Clearing the Air: A Collaborative Approach to Smoke-Free Schools. ED 328 537
- Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM. ED 328 655
- The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho. ED 328 131
- Quality Circle/Site-Based Management Implementation in Public School Districts. ED 327 984
- Partnerships in Education**
- Partnerships for Learning: School Completion and Employment Preparation in the High School Academics. ED 328 630
- Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program.

- Final Program Report. ED 327 695
- Paying for College**
Continuing Student Survey Results, Fall 1990. ED 328 326
New Ways of Paying for College. ED 328 182//
Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4. ED 328 298
Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4. ED 328 308
- Peace**
International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982). ED 328 500
- Peace Corps**
Peace Corps Aquaculture Training Manual. Training Manual T0057. ED 327 732
- Peer Acceptance**
Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps. ED 328 002
- Peer Counseling**
The Case for Peers. ED 327 755
- Peer Influence**
The Case for Peers. ED 327 755
- Peer Relationship**
The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals. ED 328 047
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third Year. ED 328 523
Portland Peers Project. Interim Evaluation Report, 1989-90. ED 327 769
- Peer Resource Programs**
The Case for Peers. ED 327 755
- Peer Teaching**
Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119
The Case for Peers. ED 327 755
Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction. ED 328 201
- Pennsylvania**
A Guide to Public School Cooperation Committees in Pennsylvania. ED 327 982
Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University. ED 328 230
- Pennsylvania State University Behrend Campus**
Penn State-Behrend/Diehl Elementary School Adopt-A-School Program. ED 328 130
- Performance**
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness. ED 327 741
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2. ED 328 198//
- Performance Contracts**
Student Reaction to Contract Grading. ED 328 196
- Performance Factors**
CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R. ED 328 334
Course Syllabi and Their Effects on Students' Final Grade Performance. ED 328 202
The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance. ED 328 593
- Performance Indicators**
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2. ED 328 198//
- Performance Tests**
Softball for Boys and Girls. Skills Test Manual. ED 328 525
- Periodicals**
Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress. ED 328 288
What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing. ED 328 245
- Personal Autonomy**
Read My Lips: It's My Choice... ED 327 996
Women's Kit. ED 328 103
- Personal Narratives**
Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155
- Personality Measures**
Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6. ED 328 568
- Personality Traits**
A Source of Distractions in the Classroom: The Teacher. ED 328 536
- Personnel Evaluation**
A Tale of Two Appraisal Systems: Texas and North Carolina. ED 327 981
- Personnel Needs**
Employer Needs Assessment. ED 328 325
- Personnel Policy**
Departmental Issues in Dual-Academic Marriages. ED 327 743
Strategies and Policies in Employee Assistance Programs. ED 327 772
- Persuasive Discourse**
Developing Writing Skills in a Speech Writing Course. ED 327 862
The Gift of Oration for the Gifted and Talented-Teaching Oral Communication to High School Students. ED 327 892
Logicity and Emotionality in Argumentation. ED 327 895
Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888
The Research Agenda and the Basic Course in Communication. ED 327 882
- Pesticides**
America's Growing Dilemma: Pesticides in Food and Water. ED 328 420//
- Phenomenology**
Charitans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
- Phoenix College AZ**
The Collection, Analysis and Presentation of Enrollment and Service Area Data To Support the Strategic Planning Process at Phoenix College. Emergence of Higher Education in America. ED 328 141
- Phonics**
Reading Made Easy: A Handbook. ED 327 824
- Photocomposition**
Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 636
- Photographic Equipment**
Graphic Arts: Process Camera, Stripping, and Platemaking. Teacher Guide. ED 327 663
- Photography**
Graphic Arts: Process Camera, Stripping, and Platemaking. Teacher Guide. ED 327 663
- Physical Activities**
Childhood Obesity. ERIC Digest. ED 328 556
- Physical Attractiveness**
Counselor Attractiveness, Similarity, and Session Impact: A Field Study. ED 327 797
- Physical Disabilities**
How To Position People with Severe Disabilities. Instructor's Guide. ED 328 001
Library Media Center Design Considerations for Physically Disabled Students. ED 328 279
Sewing: Easier with Adaptations. PAM Repeater, No. 54. ED 328 017
- Physical Education**
Arizona Comprehensive Health Essential Skills. ED 328 557
Physical Education. Alabama Course of Study. ED 328 526
- Physical Sciences**
Software for Middle School Physical Science. ED 328 444
- Physics**
Promoting Fun in Physics. ED 328 122
Richmond Area Young Scholars Program. ED 328 120
- PICKUP Wales (United Kingdom)**
PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717
- PIM Model**
A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations. ED 328 590
- Pittsburg State University KS**
Development Achievements for Fiscal 1990. ED 328 142
- Place of Residence**
Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception. ED 327 803
No Place Like Home. ED 328 025
- Place Value**
Place Value. Fundamentals of Occupational Mathematics. Module 1. ED 327 700
- Planning**
Do College Students Who Plan before Writing Score Better on Essay Exams? ED 327 868
Economic Development for Small Communities RIE JUN 1991

Subject Index

- and Rural Areas.
ED 327 687
- A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations.
ED 328 590
- Planning Commissions**
Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota.
ED 327 991
- Plants (Botany)**
Aqua-Topics. Aquaculture for Youth and Youth Educators.
ED 328 434
- Platonism**
The Philosophical Arena and Reading.
ED 327 836
- Play**
Play Activities and Emergent Language: Intervention Procedures for Young Children with Deaf-Blindness.
ED 328 006
Playtime Is Science: Implementing a Parent/Child Activity Program.
ED 328 342
- Pneumatics**
Pneumatics.
ED 327 716
- Poetry**
Exploring Mental Illness through a Poetry Writing Assignment.
ED 327 858
Poetry Experiences with Young Children. Revised Edition.
ED 328 349
Writing about Literature: The Paper of Many Parts.
ED 327 872
- Policy Formation**
Building In Accountability Mechanisms for Democracies & Bureaucracies: From Governmental & Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry Moe and Dr. John Chubb.
ED 327 972
Clearing the Air: A Collaborative Approach to Smoke-Free Schools.
ED 328 537
Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg.
ED 328 148
Foreign Language Policy-Making from a Dutch and European Point of View.
ED 328 060
Great Decisions '86.
ED 328 474
Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.
ED 328 625
Regulating Racial Harassment on Campus: A Legal Compendium.
ED 328 204
Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101.
ED 328 162
Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.
ED 328 030
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District.
ED 328 290
- Policy Implications**
School Dropouts: A Two-Generation Problem. Public Policy Research Series.
ED 328 631
- Politeness**
A Study of Japanese and American Perceptions of Politeness in Requests.
ED 328 073

- Political Campaigns**
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters.
ED 328 502
- Political Candidates**
Jesse Jackson: Still Fighting for the Dream.
ED 328 660//
- Political Cartoons**
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters.
ED 328 502
- Political Influences**
Foreign Language Policy-Making from a Dutch and European Point of View.
ED 328 060
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters.
ED 328 502
Tenured Radicals: How Politics Has Corrupted Our Higher Education.
ED 328 110//
- Politics of Education**
Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990).
ED 328 645
Educational Evaluation: Ethnography in Theory, Practice, and Politics.
ED 328 620//
Tenured Radicals: How Politics Has Corrupted Our Higher Education.
ED 328 110//
- Pollution**
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems.
ED 328 105
- Population Distribution**
Minnesota Health Statistics 1988.
ED 327 782
- Population Education**
Population in Perspective: Regional Views. A Population Learning Series.
ED 328 479
The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition.
ED 328 478
- Population Trends**
Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series.
ED 328 600
Demographic and Economic Changes and Postsecondary Education.
ED 328 111
Higher Education and Adult Demography.
ED 328 139
Minnesota Health Statistics 1988.
ED 327 782
- Populist Party**
Women in the Farmers' Alliance.
ED 328 501
- Portfolios (Background Materials)**
Using Portfolios in Instruction and Assessment.
ED 328 586
- Portland Public Schools OR**
State Disadvantaged Child Project in the Portland Public Schools. 1988-89 Evaluation Report.
ED 328 350
- Portland School District OR**
Portland Peers Project. Interim Evaluation Report, 1989-90.
ED 327 769
Spanish Partial Immersion Program. 1989-90 Evaluation Report.
ED 328 100
- Positioning (of Disabled)**
How To Position People with Severe Disabilities. Instructor's Guide.
ED 328 001

Predictive Validity

219

- Positive Reinforcement**
Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000
- Post High School Guidance**
Career Guidance Strategies for Student Affairs Professionals.
ED 327 749
- Postsecondary Education**
Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin.
ED 327 805
Demographic and Economic Changes and Postsecondary Education.
ED 328 111
Trends in the Postsecondary Enrollment of Minorities.
ED 328 112
- Postsecondary Education as a Field of Study**
Focus on Faculty Service.
ED 328 113
- Posttraumatic Stress Disorder**
Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help?
ED 328 388
- Power (Statistics)**
Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study.
ED 328 619
- Power Technology**
Exploring Technology Education. Second Edition. Teacher Guide.
ED 327 655
Hydraulics.
ED 327 714
- Practicum Supervision**
A Cost Free Counseling Model for High Risk Elementary Students.
ED 327 788
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.
ED 327 786
- Precision (Mathematics)**
Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3.
ED 327 702
Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2.
ED 327 701
- Prediction**
Use of the U-Method To Establish the External Validity of Discriminant Analysis Results.
ED 328 588
- Predictive Measurement**
Developmental Spelling and Other Language Predictors of Reading Achievement.
ED 327 815
Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 576
Higher Education and Adult Demography.
ED 328 139
Measuring Aptitude. ERIC Digest.
ED 328 608
Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis.
ED 328 589
Technical Manual: Handwriting Research Corporation.
ED 327 860
- Predictive Reading**
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature.
ED 327 838
- Predictive Validity**
Test Validity and Language Background: A Study of Hispanic American Students at Six Universi-

- ities. ED 328 623//
- Predictor Variables**
Interpretation of Student Data: Contextual Variables and Cultural Implications. ED 328 166
- What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319
- Pregnancy**
Inside the Black Box: Understanding Home Visiting Programs. ED 328 336
- Preschool Children**
Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years. ED 328 354
- The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program. ED 328 027
- Preschool Education**
Early Childhood Education for At-Risk Children: A National Perspective. ED 328 367
- Preschool Curriculum Guide. ED 328 043
- Preservation**
Administration of Preservation Programs in Archives. A Selective Bibliography. ALIC Bibliography 1990-4. ED 328 249
- The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990. ED 328 264
- Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution. ED 328 263
- Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266
- The New York State Program for the Conservation and Preservation of Library Research Materials. Discretionary Grant Application Workbook. ED 328 281
- Preservice Teacher Education**
An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education. ED 328 440
- Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education. ED 328 514
- A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third Year. ED 328 523
- Special Projects: An Historical Analysis. ED 328 024
- Tomorrow's Schools: Principles for the Design of Professional Development Schools. ED 328 533
- [Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 010
- Presidential Campaigns (United States)**
Jesse Jackson: Still Fighting for the Dream. ED 328 660//
- Presidential Young Investigators Program**
NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192
- Pressure (Physics)**
Pneumatics. ED 327 716
- Prevention**
An AIDS Hotline: Primary Prevention in the Community. ED 327 801
- Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning. ED 327 754
- A Guide to Expanding School-Based Prevention. ED 327 941
- Predictors of Intention To Take Precautions against AIDS among Black College Students. ED 327 807
- Preventive Medicine**
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee. ED 327 633
- Prewriting**
Do College Students Who Plan before Writing Score Better on Essay Exams? ED 327 868
- Primary Education**
Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449
- Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade. ED 328 445
- Primary Health Care**
Continuing Education for Change. WHO Regional Publications, European Series, No. 28. ED 327 639
- Principals**
Current Issues and Research Findings in the Study of School Leadership. Project Report. ED 327 946
- An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
- An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form. ED 327 911
- The Indiana Principal Leadership Academy: A Model for Professional Development. ED 327 971
- An Innovative Principal Preparation Program: A Structural Approach. ED 327 974
- Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM. ED 328 655
- A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
- A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals. ED 327 973
- Principal Leadership: A Theoretical Framework for Research. Project Report. ED 327 952
- A Regional On-Site Administrator Preparation Program. ED 327 913
- Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
- Principle of the Alphabet Literacy System**
An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners. ED 328 267
- Printed Materials**
Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
- Printing**
Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide. ED 327 662
- Graphic Arts: The Press and Finishing Processes. Teacher Guide. ED 327 661
- Prior Learning**
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence. ED 328 096
- Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature. ED 327 838
- The Validity of Writing Test Tasks. ED 328 072
- Prisoners**
A Captive Audience: Debating in a Maximum Security Prison. ED 327 883
- Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees. ED 328 585
- Private Agencies**
The International Association for the Evaluation of Educational Achievement. ERIC Digest. ED 328 604
- Private Colleges**
Baccalaureate Origins of Doctorate Recipients: A Ranking by Discipline of 4-Year Private Institutions. 6th Edition, 1920-1988 Data. ED 328 177
- Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?" ED 328 140
- Private Financial Support**
Annual Giving Strategies: A Comprehensive Guide to Better Results. ED 328 150
- To Hold in Trust. ED 328 193
- Private Schools**
Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report. ED 328 617
- The Threat of a State Graduation Examination for Non-Public Schools in Louisiana. ED 328 566
- Problem Sets**
Student Math Notes, January-November 1990. ED 328 426
- Problem Solving**
An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers. ED 328 541
- Holistic Learning: A Teacher's Guide to Integrated Studies. ED 328 529//
- Interactional Problem-Solving in Mathematic Lessons: A Transcript Analysis. ED 328 086
- Student Leadership in Forensic Programs. ED 327 902
- Students' Metacognition in Mathematical Problem Solving. ED 328 438
- Three-Year Sequence for High School Mathematics: Course I. ED 328 442
- Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891
- Production Techniques**
Graphic Arts: The Press and Finishing Processes. Teacher Guide. ED 327 661
- Producing Musical Theater for High School. ED 327 890
- Professional Associations**
Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457. ED 328 028
- Professional Continuing Education**
Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3. ED 328 297

Subject Index

Professional Development

Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4.

ED 328 462

Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.

ED 328 297

Critical Policy and Research Issues for Early Childhood and Elementary Education.

ED 328 341

Decision-making and Professional Development. A Focus on the Individual.

ED 328 534

The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development.

ED 328 295

How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative.

ED 328 226

The Indiana Principal Leadership Academy: A Model for Professional Development.

ED 327 971

The Meaning of Professional Development in the 21st Century. Video Conference 8. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 936

Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University.

ED 328 230

Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base.

ED 328 339

Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3.

ED 328 461

Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2.

ED 328 460

Professional Development Schools

RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.

ED 328 550

Tomorrow's Schools: Principles for the Design of Professional Development Schools.

ED 328 533

Professional Education

Growth of Southern High Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456.

ED 328 203

Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457.

ED 328 028

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.

ED 328 031

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics.

ED 328 034

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.

ED 328 032

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans.

ED 328 033

Professional Personnel

An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.

ED 328 551

Professional Training

The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.

ED 328 340

Profiles

Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning.

ED 327 754

State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report.

ED 328 565

Program Administration

Effective Management of Supported Employment. NARF Technical Assistance Series.

ED 328 020

Looking Left, Then Right: Administering the Wyoming Resolution.

ED 327 867

Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session.

ED 327 670

Program Attitudes

An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program.

ED 328 542

A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988.

ED 328 528

Program Characteristics

Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs.

ED 328 357

Program Descriptions

Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless.

ED 327 731

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1.

ED 328 459

Back to the Future of Science and Math Education.

ED 328 417

An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education.

ED 328 440

Program Design

The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students.

ED 328 647

Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.

ED 328 066

Physical Education. Alabama Course of Study.

ED 328 526

Providing Skills and Competencies for Beginning Teachers.

ED 328 535

Program Development

Annual Giving Strategies: A Comprehensive Guide to Better Results.

ED 328 150

Arizona Competency-Based Guidance. Program Development Workbook.

ED 327 780

Arizona Competency-Based Guidance. Program Handbook.

ED 327 781

Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report.

ED 328 337

Implementation Strategies for Integration. An Administrator's Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

ED 328 003

Making Health Communication Programs Work. A Planner's Guide.

Program Evaluation

221

A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions.

ED 328 199

The Need for Workplace Literacy Partnerships.

ED 327 643

Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series.

ED 327 966//

Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report.

ED 328 554

Teachers and National Development with Special Reference to Family Life Education.

ED 328 517

Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book.

ED 328 053

Program Effectiveness

Building In Accountability Mechanisms for Democracies & Bureaucracies: From Governmental & Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry Moe and Dr. John Chubb.

ED 327 972

Five Years Later: A Look at the EIA Investment.

ED 328 601

Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate.

ED 328 649

Inside the Black Box: Understanding Home Visiting Programs.

ED 328 336

Literacy: The Impact of Technology on Early Reading.

ED 327 832

Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study.

ED 328 548

NSF's Presidential Young Investigators Program: A Study of the First Two "Classes."

ED 328 192

Off Welfare, into Work.

ED 327 654

A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant.

ED 328 532

Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction.

ED 328 201

Student Reaction to Contract Grading.

ED 328 196

Survey of Ohio Employers. Job Training Partnership Program Year 1988.

ED 327 640

What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984.

ED 328 602

Workplace Literacy Partnerships Program. Final Performance Report.

ED 327 634

Program Evaluation

Back to the Future of Science and Math Education.

ED 328 417

An Evaluation of a College Developmental Reading Program.

ED 327 839

A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344.

ED 327 738

K-12 Social Science Program Evaluation.

ED 328 476

Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988).

ED 327 724

Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention.

- ED 328 009
Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.
- ED 327 845
The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series.
- ED 328 021
Spanish Partial Immersion Program. 1989-90 Evaluation Report.
- ED 328 100
Steps to Maturity Program. Evaluation.
- ED 327 764
Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report.
- ED 328 554
Teaching Assessment Workshop Project 30.
- ED 328 522
- Program Implementation**
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons.
- ED 327 650
Arizona Competency-Based Guidance. Program Development Workbook.
- ED 327 780
Holistic Learning: A Teacher's Guide to Integrated Studies.
- ED 328 529//
Introducing New Technology: Chasing a Dream.
- ED 328 208
A Plan To Educate Nevada's Homeless Youth.
- ED 328 628
Report on the Implementation of the Basic Skills Assessment Program 1989-90.
- ED 328 597
Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.
- ED 328 030
Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State.
- ED 328 232
Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989).
- ED 328 233
Vocational Education Safety Instruction Manual.
- ED 327 723
- Program Improvement**
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations.
- ED 327 642
Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546.
- ED 327 727
Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session.
- ED 327 670
Veterans Employment and Training Programs. Report from the Committee on Veterans' Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.
- ED 327 669
- Program Monitoring**
Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate.
- ED 328 649
- Program Proposals**
Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series.
- ED 327 966//
- Programed Tutoring**
Arguing with the Tutor: A Model for Tutorial

- Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51.
- ED 328 216
Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4.
- ED 328 213
Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62.
- ED 328 218
Dominie: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74.
- ED 328 212
Guided Discovery Tutoring and Bounded User Modelling. CITE Report No. 13.
- ED 328 215
Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10.
- ED 328 214
A Knowledge-Based Tutor for Music Composition. CITE Report No. 16.
- ED 328 484
Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61.
- ED 328 217
Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38.
- ED 328 485
- Programming**
The Computerized Comprehensibility System. Maintainer's Guide. Technical Report No. 33.
- ED 328 222
- Programming (Broadcast)**
Annual Report, 1989-1990.
- ED 328 242
- Programming Languages**
HyperTechnic-A Graphic Object-Oriented Control Language.
- ED 328 210
- Project Head Start**
The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program.
- ED 328 027
- Project STAR**
The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990).
- ED 328 356
- Pronunciation Instruction**
Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990.
- ED 328 095
- Property Rights**
Who Owns Your Land?
- ED 328 379
- Proposal Writing**
The New York State Program for the Conservation and Preservation of Library Research Materials. Discretionary Grant Application Workbook.
- ED 328 281
Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series.
- ED 327 966//
- Proverbs**
Context Effects in Comprehending Familiar and Unfamiliar Proverbs.
- ED 327 876
- Psychiatric Services**
Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49.
- ED 328 023
- Psychoeducational Methods**
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus.
- ED 327 770
- Psychological Evaluation**
A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay.
- ED 327 986

- Psychological Needs**
Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68.
- ED 328 644
- Psychological Patterns**
Attitudes and the Prediction of Behavior: A Meta-analysis.
- ED 327 751
- Black Students: Psychosocial Issues and Academic Achievement.
- ED 328 624
- A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes.
- ED 328 036
- Psychological Testing**
Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6.
- ED 328 568
- Construct Validity of an Instrument To Measure Computer Aversion.
- ED 328 569
- Neuropsychological Assessment in Schools. ERIC Digest.
- ED 328 609
- Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.
- ED 328 585
- Psychology**
Exploring Mental Illness through a Poetry Writing Assignment.
- ED 327 858
- Psychometrics**
A Consumer's Guide to Alcohol and Other Drug Surveys.
- ED 327 776
- Psychomotor Skills**
The Relationship of Cognitive Style to Academic Performance among Dental Students.
- ED 328 205
- Psychopathology**
Reflections on Psychotherapy and Aerobic Exercise.
- ED 327 762
- Psychotherapy**
Gender Aware Therapy: Implications for Therapists and Male Clients.
- ED 327 771
- Reflections on Psychotherapy and Aerobic Exercise.
- ED 327 762
- Public Agencies**
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations.
- ED 327 642
- Public Education**
Business and the Reshaping of Public Education: In Its Own Image.
- ED 327 919
- Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Local, and Wealth Clusters, 1987-88. Survey Report.
- ED 328 592
- School System Administration: A Strategic Plan for Site-Based Management.
- ED 327 921//
- Wrap-Up of the 1990 Special Sessions on Public Education. House Research Organization Special Legislative Report, Number 160.
- ED 327 942
- Public Health**
Minnesota Health Statistics 1988.
- ED 327 782
- Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee.
- ED 327 633
- Public Interest**
Who Owns Your Land?
- ED 328 379
- Public Libraries**

Subject Index

Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995.

ED 328 261

An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners.

ED 328 267

Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet.

ED 328 270

Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI.

ED 328 277

Library Programs. Library Programs for the Handicapped. Fiscal Year 1987.

ED 328 278

Public Officials

James Madison's Practical Ideals for the 1990s.

ED 328 507

Public Policy

An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families.

ED 328 089

Black Americans and Public Policy: Perspectives of the National Urban League.

ED 328 651

The Escalating Costs of Higher Education.

ED 328 114

Foreign Language Policy-Making from a Dutch and European Point of View.

ED 328 060

The National Education Report Card Act of 1990. Hearing on S.2034 To Authorize the Creation of a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources, Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990).

ED 328 595

Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).

ED 327 995

Special Education in South Africa-Who Plays God?

ED 328 052

Public Relations

Developing Writing Skills in a Speech Writing Course.

ED 327 862

The Integration of Marketing in Post-Secondary Vocational Education.

ED 327 679

Public Relations State-of-the-Art 2000: A Shift in Perception.

ED 328 175

The Status of Marketing in Secondary Vocational Education.

ED 327 677

Public Schools

Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline.

ED 327 983

Clearing the Air: A Collaborative Approach to Smoke-Free Schools.

ED 328 537

The Confidentiality Rights of HIV-Infected Individuals within a School.

ED 327 915

A Guide to Public School Cooperation Committees in Pennsylvania.

ED 327 982

Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report.

ED 328 617

K-12 Social Science Program Evaluation.

ED 328 476

Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.

ED 328 563

Public School Choice: An Equal Chance for All?

ED 327 917

Quality Circle/Site-Based Management Implementation in Public School Districts.

ED 327 984

Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition.

ED 328 596

School Officials and the Courts: Update 1990. ERS Monograph.

ED 327 979//

The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990).

ED 328 356

The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.

ED 327 744

The Variable Effects of Tracking: Inequality and Productivity in American High Schools.

ED 328 632

What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984.

ED 328 602

Public Speaking

A Captive Audience: Debating in a Maximum Security Prison.

ED 327 883

The Gift of Oration for the Gifted and Talented-Teaching Oral Communication to High School Students.

ED 327 892

The Nature and Treatment of Speech Fright.

ED 327 897

The Research Agenda and the Basic Course in Communication.

ED 327 882

Student Leadership in Forensic Programs.

ED 327 902

Publications

Catalog of ERIC Clearinghouse Publications.

ED 328 260

Publish or Perish Issue

Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101.

ED 328 162

Puerto Rican Culture

Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture.

ED 328 636

Puerto Ricans

Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture.

ED 328 636

Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings.

ED 328 570

Pupil Personnel Services

Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.

ED 328 066

Qualitative Research

Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education.

ED 328 228

Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).

ED 327 987

Quality Circles

Quality Circle/Site-Based Management Implementation in Public School Districts.

ED 327 984

Quality Control

Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention.

ED 328 009

The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series.

ED 328 021

Quality of Life

Consumer Choice and Satisfaction. NARF Technical Assistance Series.

Racial Relations

223

nical Assistance Series.

ED 328 019

The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems.

ED 328 105

Quality Service Management

Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention.

ED 328 009

Question Answering

The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children.

ED 328 048

Questioning Techniques

Classroom Discourse: Questions, Quarrels, and Introspections.

ED 328 544

A Study of Instruction as Discourse.

ED 328 516

Racial Attitudes

White Student Attitudes about African American Students in a University Setting. Research Report #9-90.

ED 328 164

Racial Bias

The Price: A Study of the Costs of Racism in America.

ED 328 650

The Racial Crisis in American Higher Education.

ED 328 135//

Regulating Racial Harassment on Campus: A Legal Compendium.

ED 328 204

Some African American and Hispanic Voices from the University of Toledo. A Monograph.

ED 328 153

White Student Attitudes about African American Students in a University Setting. Research Report #9-90.

ED 328 164

Racial Composition

Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.

ED 328 549

Racial Differences

The African American Woman. Runta (Truth).

ED 328 638

Dropout Rates in Massachusetts Public Schools: 1989.

ED 328 652

The Education of Minority Students in Non-Urban Schools.

ED 328 634

Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood.

ED 327 806

The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.

ED 328 618

Stalling Out: The Relative Progress of African Americans.

ED 328 653

Racial Discrimination

The Price: A Study of the Costs of Racism in America.

ED 328 650

Racial Factors

Black Students: Psychosocial Issues and Academic Achievement.

ED 328 624

Racial Relations

The Racial Crisis in American Higher Education.

ED 328 135//

Racial Issues on Campus: How Students View Them.

ED 328 180

White Student Attitudes about African American Students in a University Setting. Research Report #9-90.

ED 328 164

Radicalism

Tenured Radicals: How Politics Has Corrupted Our Higher Education.

ED 328 110//

Radio

Cognitive Structures in BBC Financial Reports.

ED 328 084

Radon

Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.

ED 327 968

Ranking

Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition.

ED 328 596

Rape

War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women.

ED 327 768

Rate (Mathematics)

Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.

ED 327 707

Ratios (Mathematics)

Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.

ED 327 707

Readability

The Computerized Comprehensibility System. Maintainer's Guide. Technical Report No. 33.

ED 328 222

The Readability of Trade Examinations.

ED 327 726

Reader Text Relationship

Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature.

ED 327 838

Readers Guide to Periodical Literature

Using "Reader's Guide to Periodical Literature" on CD-ROM To Teach Database Searching to High School Students.

ED 328 291

Reading Achievement

Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.

ED 327 827

Developmental Spelling and Other Language Predictors of Reading Achievement.

ED 327 815

Dynamic versus Static Assessment: A Comparison of the Effects of Each on the Reading Placement Levels of Chapter 1 Students.

ED 327 808

The Readability of Trade Examinations.

ED 327 726

Urban Second Graders' Attitudes toward Reading.

ED 327 841

Reading Aloud to Others

The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling.

ED 327 826

Reading Attitudes

Join the Club! A New Approach to the Traditional Reading Clinic.

ED 327 819

Urban Second Graders' Attitudes toward Reading.

ED 327 841

Reading Centers

Independent Reading in English--Use of Graded Readers in the Library English as a Second Language Corner--.

ED 328 074

Reading Comprehension

Children's Failure To Read: Learner Deficit or Task Artifact?

ED 327 813

Effective Implementation of a Comprehension-

Improvement Approach in Secondary Schools.

ED 327 830

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.

ED 327 829

The Effects of Directed Writing Activities on Reading Comprehension Performance.

ED 327 828

Helping Students Become Independent Readers.

ED 327 812

Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence.

ED 328 096

Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide.

ED 327 817

Reading Diagnosis

Language Development Component Compensatory Language Experiences and Reading. CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.

ED 327 821

Reading Difficulties

Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet.

ED 328 270

Reading Fluency

Predicting Reading Rates That Correspond to Independent, Instructional, and Frustration Reading Levels for Third and Fifth Grade Students.

ED 327 844

Reading Improvement

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools.

ED 327 830

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.

ED 327 829

Language Development Component Compensatory Language Experiences and Reading. CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.

ED 327 821

Reading Recovery 1984-1989. No. 4.

ED 327 818

Reading Instruction

Children's Failure To Read: Learner Deficit or Task Artifact?

ED 327 813

The Effects of Directed Writing Activities on Reading Comprehension Performance.

ED 327 828

A Guide to Selecting Basal Reading Programs.

ED 327 835

Language Development Component Compensatory Language Experiences and Reading. CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.

ED 327 821

Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature.

ED 327 838

The Newspaper as an Effective Teaching Tool: A Brief Introduction to the Newspaper in Education Concept. Revised.

ED 327 869

The Philosophical Arena and Reading.

ED 327 836

Reading Groups: Problems, Solutions.

ED 327 833

Reading Made Easy: A Handbook.

ED 327 824

Reading Recovery 1984-1989. No. 4.

ED 327 818

A Report on the Social Context Model of Adult Literacy.

ED 327 809

Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987).

ED 328 069

Student Attitude toward Selected Instructional Strategies.

ED 327 843

Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986).

ED 328 068

Theoretical Orientation of British Infant School Teachers.

ED 327 823

Using Computers in Reading Instruction.

ED 327 810

Reading Interests

Children and Books. Children and Language Series.

ED 327 852

Reading Material Selection

A Guide to Selecting Basal Reading Programs.

ED 327 835

Reading Materials

Independent Reading in English--Use of Graded Readers in the Library English as a Second Language Corner--.

ED 328 074

Reading Motivation

The Philosophical Arena and Reading.

ED 327 836

Teachers and Independent Reading: Suggestions for the Classroom.

ED 327 834

Reading Processes

Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner.

ED 327 814

Review of the Interactive Model: Reconsideration of Reading and Writing Relationship.

ED 327 831

Understanding Reading and Writing. Children and Language Series.

ED 327 853

Reading Programs

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools.

ED 327 830

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.

ED 327 829

A Guide to Selecting Basal Reading Programs.

ED 327 835

Reading Recovery 1984-1989. No. 4.

ED 327 818

Reading Rate

Predicting Reading Rates That Correspond to Independent, Instructional, and Frustration Reading Levels for Third and Fifth Grade Students.

ED 327 844

Reading Recovery Projects

Reading Recovery 1984-1989. No. 4.

ED 327 818

Reading Research

Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner.

ED 327 814

Reading Recovery 1984-1989. No. 4.

ED 327 818

Review of the Interactive Model: Reconsideration of Reading and Writing Relationship.

ED 327 831

Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986).

ED 328 068

Reading Skills

Factors That Affect Success in Nursing. Research Report No. 89-28R.

ED 328 316

Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten.

ED 327 822

Reading Made Easy: A Handbook.

ED 327 824

Reading Strategies

Helping Students Become Independent Readers.

ED 327 810

Subject Index

- Refugees**
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence. ED 327 812
- Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide.** ED 328 096
- Reading Teachers**
Theoretical Orientation of British Infant School Teachers. ED 327 817
- Reading Tests**
Authentic Reading Assessment. ERIC Digest. ED 327 823
- Dynamic versus Static Assessment: A Comparison of the Effects of Each on the Reading Placement Levels of Chapter 1 Students.** ED 327 808
- The Effects of Directed Writing Activities on Reading Comprehension Performance.** ED 327 828
- South Carolina Basic Skills Assessment Program, 1989-1990 Results.** ED 328 599
- Reading Writing Relationship**
The Effects of Directed Writing Activities on Reading Comprehension Performance. ED 327 828
- Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.** ED 327 845
- Review of the Interactive Model: Reconsideration of Reading and Writing Relationship.** ED 327 831
- Realism**
The Philosophical Arena and Reading. ED 327 836
- Records Management**
Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266
- Recruitment**
NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192
- Recycling**
Discarding the Throwaway Society. Worldwatch Paper 101. ED 328 400
- Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12.** ED 328 432
- Reentry Workers**
Comprehensive Retention and Attrition Model (CRAM). ED 328 527
- Reference Materials**
Gay and Lesbian Studies. A Research Guide for the UCLA Libraries. ED 328 271
- Reference Services**
Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252
- Reflective Writing**
Writing and Sense of Self: Identity Negotiation in Writing Workshops. ED 327 874
- Refresher Courses**
PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717
- Tractor Trailer Driver's Training Programs. Performance Report.** ED 327 698
- Refrigeration**
Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile. ED 327 635

- Refugees**
Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- Regional Attitudes**
Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders. ED 328 374
- Regional Characteristics**
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 592
- Regression (Statistics)**
Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study. ED 328 619
- Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis.** ED 328 589
- Rehabilitation**
The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults. ED 327 773
- Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book.** ED 328 053
- Rehabilitation Act 1973**
Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989. ED 328 026
- Rehabilitation Centers**
Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing. ED 328 389
- Rehabilitation Programs**
Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989. ED 328 026
- Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49.** ED 328 023
- Rehearsal Strategies**
An Outline of Rehearsal Procedures for Solo Performances in the Beginning Interpretation Classroom. ED 327 885
- Relaxation Training**
STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind. ED 328 293
- Relevance (Education)**
Community Resources in Rural Schools. Yearbook 1939. ED 328 370
- Religion**
Spiritual Centeredness as a Tool for Positive Mental Health. ED 327 789
- Religious Education**
Divorce and Bar Mitzvah: A First Look. ED 327 742
- Religious Factors**
Spiritual Centeredness as a Tool for Positive Mental Health. ED 327 789
- Remedial Instruction**
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level. ED 328 414
- Required Academic Proficiency (RAP) Program: Final Report.** ED 328 641

Research Methodology

225

- Remedial Mathematics**
A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications. ED 328 452
- Remedial Programs**
Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332
- Remedial Reading**
An Evaluation of a College Developmental Reading Program. ED 327 839
- Join the Club! A New Approach to the Traditional Reading Clinic.** ED 327 819
- Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.** ED 327 821
- Transfer to Success.** ED 327 837
- Reprography**
Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper. ED 328 273
- Requests**
A Study of Japanese and American Perceptions of Politeness in Requests. ED 328 073
- Required Courses**
General Learning at a Women's College. ED 328 116
- Research**
Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101. ED 328 162
- Research and Development**
Campus Child Care: Diverse and Changing. ED 328 344
- Research and Development Centers**
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989). ED 328 244
- Research Design**
Planning Small-Scale Research. SCRE Spotlights, 27. ED 328 543
- Research Libraries**
Onsite Access to Library Collections by Visiting Scholars. ED 328 253
- Use of Management Statistics in ARL Libraries. SPEC Kit #153.** ED 328 251
- Research Methodology**
Canonical Correlation: Terms and Descriptions. ED 328 567
- A Captive Audience: Debating in a Maximum Security Prison.** ED 327 883
- Doing Democracy: Case Study at Cato Park.** ED 328 473
- Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner.** ED 327 814
- Educational Evaluation: Ethnography in Theory, Practice, and Politics.** ED 328 620//
- More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change.** ED 328 594
- Planning Small-Scale Research. SCRE Spotlights, 27.** ED 328 543
- Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).** ED 327 987

Research Needs

Critical Policy and Research Issues for Early Childhood and Elementary Education.

ED 328 341

The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.

ED 328 340

Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region.

ED 328 387

Research Projects

Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance.

ED 328 575

The International Association for the Evaluation of Educational Achievement. ERIC Digest.

ED 328 604

The National Assessment of Educational Progress (NAEP). ERIC Digest.

ED 328 603

Research Results

Critical Policy and Research Issues for Early Childhood and Elementary Education.

ED 328 341

Research Tools

Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19.

ED 328 258

Planning Small-Scale Research. SCRE Spotlights, 27.

ED 328 543

Research Universities

Ethics in the University.

ED 328 169

Researchers

An Interview with Werner F. Leopold.

ED 328 056

Reservation American Indians

Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing.

ED 328 389

Reserve Book Collections

Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper.

ED 328 273

Residential Care

No Place Like Home.

ED 328 025

Residential Institutions

Policy Analysis Series. Issues Related to the Welsh Consent Decree. Volumes I and II.

ED 327 992

Resource Materials

Catalog of ERIC Clearinghouse Publications.

ED 328 260

Great Lakes Education Booklet, 1990-1991.

ED 328 418

Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report.

ED 328 352

The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990.

ED 328 429

Resource Units

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

ED 328 393

Resources in Education

Resources in Education (RIE). Volume 26, Number 6.

ED 327 632

Respite Care

Cooperative Approaches to Respite Planning and Development.

ED 328 008

Retailing

Project STARS. 1989-90. OREA Report.

ED 327 729

Retirement

Special Problems of the Elderly.

ED 327 758

Retraining

Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s.

ED 327 690

PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training.

ED 327 717

Tractor Trailer Driver's Training Programs. Performance Report.

ED 327 698

Training for Work: What the U.S. Can Learn from Europe.

ED 327 641

Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace.

ED 327 689

Rhetorical Criticism

Meaning as Language Use: The Case of the "Language-Linked" Value Objection.

ED 327 888

Rhetorical Invention

Developing Writing Skills in a Speech Writing Course.

ED 327 862

Rhetorical Strategies

The Research Agenda and the Basic Course in Communication.

ED 327 882

Rhetorical Theory

The Research Agenda and the Basic Course in Communication.

ED 327 882

Role Conflict

Backboards & Blackboards: CoCollege Athletes and Role Engulfment.

ED 328 181//

Role Models

"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development.

ED 328 519

Role of Education

Commitment to Higher Education: Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno.

ED 328 200//

The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.

ED 328 160//

Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990).

ED 328 382

Universities and the Future of America.

ED 328 151//

Role Perception

The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness.

ED 327 741

Teacher Education as Identity Construction. Music: A Case Study.

ED 328 531

Roommates

The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College.

ED 327 900

Rural Areas

Economic Development for Small Communities and Rural Areas.

ED 327 687

Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region.

ED 328 387

Rural Career Assistance Program

The Rural Career Assistance Program: An Implementation Guide.

ED 327 664

Rural Development

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce.

ED 328 392

Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia).

ED 328 376

Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region.

ED 328 387

Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990).

ED 328 382

Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

ED 328 381

Rural Education

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce.

ED 328 392

Adjustments in Rural Education.

ED 328 373

Child Development and the Tool Subjects in Rural Areas. Yearbook 1941.

ED 328 371

Community Resources in Rural Schools. Yearbook 1939.

ED 328 370

Conservation Education in Rural Schools. Yearbook. February 1943.

ED 328 369

Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders.

ED 328 374

Rural Education in the South. Bulletin of the Department of Rural Education.

ED 328 375

Rural Initiative: Evaluation of the Rural Schools Assistance Program.

ED 328 378

What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.?

ED 328 398

Rural Extension

Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia).

ED 328 376

Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region.

ED 328 387

Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990).

ED 328 382

Rural Schools

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce.

ED 328 392

Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite.

ED 328 225

The Education of Minority Students in Non-Urban Schools.

ED 328 634

RIE JUN 1991

Subject Index

- Guidance in Rural Schools. Yearbook. February 1942. ED 328 372
- Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools. ED 328 399
- Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach. ED 328 396
- Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four. ED 328 383
- Rural Education in the South. Bulletin of the Department of Rural Education. ED 328 375
- Rural Initiative: Evaluation of the Rural Schools Assistance Program. ED 328 378
- What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.? ED 328 398
- Rural Schools Assistance Program**
Rural Initiative: Evaluation of the Rural Schools Assistance Program. ED 328 378
- Rural Urban Differences**
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities. ED 328 390
- Safety**
Maine School Science Safety Guidelines. ED 328 435
- Safety Education**
Vocational Education Safety Instruction Manual. ED 327 723
- Safety Equipment**
Maine School Science Safety Guidelines. ED 328 435
Vocational Education Safety Instruction Manual. ED 327 723
- Salaries**
Report on Career Placement and External Transfer of 1989 Graduates. ED 328 314
Twenty-Fourth Annual Rank-Order Distribution of Administrative Salaries Paid, 1990-91. ED 328 144
- Sample Specificity**
Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic. ED 328 574
- Sampling**
The National Assessment of Educational Progress (NAEP). ERIC Digest. ED 328 603
- Scandinavia**
Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet. ED 328 270
- Scholastic Aptitude Test**
Life with the SAT: Assessing Our Young People and Our Times. ED 328 622//
Test Validity and Language Background: A Study of Hispanic American Students at Six Universities. ED 328 623//
- School Administration**
Adjustments in Rural Education. ED 328 373
School Officials and the Courts: Update 1990. ERS Monograph. ED 327 979//
- School Age Day Care**
Campus Child Care: Diverse and Changing. ED 328 344
Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs. ED 328 357
Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Imple-

ment a Quality Program for School-Age Children. ED 328 358

School Attendance Legislation

Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990). ED 328 576

School Based Management

Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM. ED 328 655

Quality Circle/Site-Based Management Implementation in Public School Districts. ED 327 984

School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout. ED 327 918

School System Administration: A Strategic Plan for Site-Based Management. ED 327 921//

School Business Relationship

Articulation Models for Vocational Education. Information Series No. 343. ED 327 737

Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990). ED 328 645

The Economic Impact of Liberty University on the Lynchburg Area. ED 328 158

Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7. ED 328 310

Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report. ED 327 699

Materials Science and Technology: A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How. ED 327 734

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990. ED 327 735

The Need for Workplace Literacy Partnerships. ED 327 643

Partnerships for Learning: School Completion and Employment Preparation in the High School Academies. ED 328 630

Project STARS. 1989-90. OREA Report. ED 327 729

The School-to-Work Connection. ED 327 675

Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report. ED 327 695

Workplace Literacy Partnerships Program. Final Performance Report. ED 327 634

School Choice

Beyond Choice to New Public Schools: Withdrawing the Exclusive Franchise in Public Education. Policy Report No. 8. ED 327 914

The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4. ED 327 925

Choosing Better Schools: The Five Regional Meetings on Choice in Education. ED 327 975

Como escoger una escuela para su hijo (Choosing a School for Your Child). ED 327 965

Public School Choice: An Equal Chance for All? ED 327 917

School Community Programs

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392

Focus on Faculty Service.

School Effectiveness

227

ED 328 113

School Community Relationship

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392

Community Resources in Rural Schools. Yearbook 1939. ED 328 370

The Economic Impact of Liberty University on the Lynchburg Area. ED 328 158

Focus on Faculty Service. ED 328 113

General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 315

A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894

Schools as Learning Communities. Video Conference 5. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 933

100 Ways Colleges Serve Adults. ED 328 159//

School Counseling

A Cost Free Counseling Model for High Risk Elementary Students. ED 327 788

Counseling and Guidance Program Evaluation 1990-91. ED 327 765

Guidance in Rural Schools. Yearbook. February 1942. ED 328 372

Self/Career Development: Facilitating Small Group Process. ED 327 745

School Counselors

Arizona Competency-Based Guidance. Program Development Workbook. ED 327 780

Career Information Module for G&C 530, Career Development and Information Services. ED 327 750

Self/Career Development: A Helping Role for the School Counselor. ED 327 746

School Culture

A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944

School Culture, Motivation, and Achievement. Project Report. ED 327 948

"School Culture," Student Ethnicity, and Motivation. Project Report. ED 327 947

Teachers Commitment and Job Satisfaction. Project Report. ED 327 951

School Demography

A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409

Dropout Report for 1988-89: Part 2. ED 328 642

Rural Initiative: Evaluation of the Rural Schools Assistance Program. ED 328 378

School District Spending

Cost Saving Techniques: What Works for Long Island School Districts. ED 327 938

School Districts

Adjustments in Rural Education. ED 328 373

Curriculum Management in 29 School Districts in Northwest Ohio. ED 327 923

Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition. ED 328 596

School Effectiveness

Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report.

ED 327 950

More Effective Schools/Teaching Project. Seventh Annual Report.

ED 328 524

A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.

ED 328 560

School Funds

County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9.

ED 328 312

1990 Statistical Report.

ED 328 117

School Guidance

Arizona Competency-Based Guidance. Program Handbook.

ED 327 781

Counseling and Guidance for Gifted Underachievers.

ED 328 051

School Holding Power

The Annual Minority Recruitment and Retention Conference Proceedings (6th, Austin, Texas, April 4-6, 1990).

ED 328 179

School Involvement

Good Practices: A Selection. Tasmanian Government Schools and Secondary Colleges 1984-87.

ED 327 976

School Law

School Officials and the Courts: Update 1990. ERS Monograph.

ED 327 979//

School Leadership Teams

Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools.

ED 328 399

School Libraries

The Instructional Consultant Role of the School Library Media Specialist: A Research Study.

ED 328 276

School Lunch Program

White Paper on School-Lunch Nutrition.

ED 328 538

School Newspapers

How Advisers View Changes in the High School Press in the Post-Hazelwood Era.

ED 327 877

School Organization

Good Practices: A Selection. Tasmanian Government Schools and Secondary Colleges 1984-87.

ED 327 976

Junior School Class Size: Where Are We Now? Item 8. Set Number One.

ED 328 362

School Policy

Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg.

ED 328 148

Implementation Strategies for Integration. An Administrator's Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

ED 328 003

Regulating Racial Harassment on Campus: A Legal Compendium.

ED 328 204

Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee?

ED 328 324

School Readiness

Home Activities for Fours.

ED 328 338

School Readiness Tests

Report on the Implementation of the Basic Skills Assessment Program 1989-90.

ED 328 597

School Registration

R.I.P.: Registration Involving Parents.

ED 328 391

Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee?

ED 328 324

School Responsibility

Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform.

ED 328 156//

School Restructuring

Business and the Reshaping of Public Education: In Its Own Image.

ED 327 919

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ED 327 936

More Effective Schools/Teaching Project. Seventh Annual Report.

ED 328 524

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ED 327 932

The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 929

School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout.

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Schools as Learning Communities. Video Conference 5. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 933

School System Administration: A Strategic Plan for Site-Based Management.

ED 327 921//

The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 930

School Role

Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders.

ED 328 374

A Guide to Expanding School-Based Prevention.

ED 327 941

Tomorrow's Schools: Principles for the Design of Professional Development Schools.

ED 328 533

School Safety

Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.

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School Statistics

Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series.

ED 328 600

A Challenge of Numbers. People in the Mathematical Sciences.

ED 328 409

Educational Benchmarks, 1990.

ED 327 924

Educational Statistics of the Republic of China, 1990.

ED 328 564

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ED 328 598

How North Carolina Ranks Educationally among the Fifty States-1990.

ED 328 583

Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report.

ED 328 617

National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report.

ED 328 615

State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report.

ED 328 565

School Support

County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9.

ED 328 312

Development Achievements for Fiscal 1990.

ED 328 142

School Surveys

A Consumer's Guide to Alcohol and Other Drug Surveys.

ED 327 776

Schools of Education

RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.

ED 328 550

Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.

ED 328 549

Science Activities

Aqua-Topics. Aquaculture for Youth and Youth Educators.

ED 328 434

Cycles of Nature. An Introduction to Biological Rhythms.

ED 328 446

Energy and Safety: Science Activities for Elementary Students, Level II (Grades 3-4).

ED 328 411

Energy and Safety: Science Activities for Elementary Students, Level III (Grades 5-6).

ED 328 412

Great Minds? Great Lakes!

ED 328 455

Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12.

ED 328 432

Independent Learning Activities in Science for Students At-Risk.

ED 328 457

Science and Society

Chemistry. Focus on Excellence, Volume 3, Number 2.

ED 328 405

Earth Science. Focus on Excellence, Volume 3, Number 3.

ED 328 406

Energy Education. Focus on Excellence, Volume 3, Number 1.

ED 328 404

Exploring Technology Education. Second Edition. Teacher Guide.

ED 327 655

Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2.

ED 328 403

Science/Technology/Society. Focus on Excellence, Volume 1, Number 5.

ED 328 402

Science 10. Course of Studies, Draft.

Subject Index

- U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide. ED 328 415
- Science Curriculum
Cycles of Nature. An Introduction to Biological Rhythms. ED 328 446
Science 10. Course of Studies, Draft. ED 328 415
- Science Education
The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How. ED 327 734
On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146
- Science Education Research
Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408
- Science Experiments
Junior Science and Humanities Symposium Program, Management Guide SY91-92. ED 328 448
- Science Fairs
Junior Science and Humanities Symposium Program, Management Guide SY91-92. ED 328 448
- Science Fiction
Teaching the Science in Science Fiction. ED 328 456
- Science Instruction
BSAP Science Teaching through Inquiry. ED 328 454
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level. ED 328 414
Playtime Is Science: Implementing a Parent/Child Activity Program. ED 328 342
Promoting Fun in Physics. ED 328 122
Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2. ED 328 460
- Science Materials
Enhancing Teacher Performance in Spanish Elementary Classes. Volume Two: Translated Units. Final Report. ED 328 059
- Science Projects
Junior Science and Humanities Symposium Program, Management Guide SY91-92. ED 328 448
- Science Quality Education Project
The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453
- Science Teachers
The Nature of "Exemplary" Science Teachers: Implications for Teacher Education. ED 328 430
Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408
Science Attitude Analysis of Dayton Public School Teachers in Science. ED 328 458
- Scientific and Technical Information
Information Resources Management. A Bibliography with Indexes, 1984-1989. A Selection of Annotated References to Reports and Journal Articles Entered into the NASA Scientific and Technical Information System from 1984 through 1989.

- Scientific Literacy
Ideas for Integrating the Microcomputer with High School Science. ED 328 443
Teaching the Science in Science Fiction. ED 328 456
- Scientific Research
NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192
- Scores
The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students. ED 328 573
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores. ED 328 145
What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319
- Scoring
More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change. ED 328 594
- Scotland
Higher and Higher Education. ED 328 186
Participation in Post-Compulsory Schooling in Scotland. ED 328 185
Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace. ED 327 689
- Search Committees (Personnel)
The Board and the President. ED 328 207//
Selecting a Superintendent. ED 327 926
- Search Strategies
Gay and Lesbian Studies. A Research Guide for the UCLA Libraries. ED 328 271
Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students. ED 328 291
- Second International Mathematics Study
A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69. ED 328 560
- Second Language Instruction
Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12. ED 328 239
En otras palabras: Illustrated Grammatical Concepts and Communicative Activities. ED 328 067
- Second Language Learning
Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications. ED 328 079
Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173. ED 328 065
- Second Language Programs
Foreign Language Learning: An Early Start. ERIC Digest. ED 328 083
Insights from the French Immersion Experience in Canada. ED 328 061
The Value of Project Work in INSET. ED 328 081
- Secondary Education
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom. ED 328 427//

Secondary School Science

229

- Secondary School Mathematics
Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407
Back to the Future of Science and Math Education. ED 328 417
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom. ED 328 427//
NCTM Student Math Notes, January-December, 1990. ED 328 413
Student Math Notes, January-November 1990. ED 328 426
Students' Metacognition in Mathematical Problem Solving. ED 328 438
Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum. ED 328 419
Three-Year Sequence for High School Mathematics: Course I. ED 328 442
- Secondary School Science
Aqua-Topics. Aquaculture for Youth and Youth Educators. ED 328 434
Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4. ED 328 462
The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459
Back to the Future of Science and Math Education. ED 328 417
Biology Textbooks 1990: The New Generation. ED 328 431
Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405
A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed At Improving Existing Programs in This School Division. ED 328 447
Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441
Cycles of Nature. An Introduction to Biological Rhythms. ED 328 446
The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
Earth Science. Focus on Excellence, Volume 3, Number 3. ED 328 406
Energy Education. Focus on Excellence, Volume 3, Number 1. ED 328 404
Great Lakes Education Booklet, 1990-1991. ED 328 418
Ideas for Integrating the Microcomputer with High School Science. ED 328 443
Junior Science and Humanities Symposium Program, Management Guide SY91-92. ED 328 448
Maine School Science Safety Guidelines. ED 328 435
The Nation's Energy Education Report Card. ED 328 423
The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416
Science Attitude Analysis of Dayton Public School Teachers in Science.

- ED 328 458
Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3.
- ED 328 461
Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2.
- ED 328 460
Science/Technology/Society. Focus on Excellence, Volume 1, Number 5.
- ED 328 402
Science 10. Course of Studies, Draft.
- ED 328 415
The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91.
- ED 328 453
Teaching the Science in Science Fiction.
- ED 328 456
Training Student Organizers Curriculum, Revised Edition.
- ED 328 424
The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990.
- ED 328 429
Secondary School Students
- Dropout Report for 1988-89: Part 2.
- ED 328 642
A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.
- ED 328 560
Secondary School Teachers
- Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series.
- ED 328 635//
Self Actualization
- It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.
- ED 327 997
Self/Career Development: A Helping Role for the School Counselor.
- ED 327 746
Self Advocacy
- Read My Lips: It's My Choice...
- ED 327 996
Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).
- ED 327 995
Self Concept
- Backboards & Blackboards: CoCollege Athletes and Role Engulfment.
- ED 328 181//
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345.
- ED 327 739
The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.
- ED 328 562
Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials.
- ED 328 364
Self Destructive Behavior
- The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents.
- ED 327 800
Self Determination
- Consumer Choice and Satisfaction. NARF Technical Assistance Series.
- ED 328 019
Read My Lips: It's My Choice...
- ED 327 996
Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).
- ED 327 995
Self Efficacy
- Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills.
- ED 328 515
Self Esteem
- Backboards & Blackboards: CoCollege Athletes and Role Engulfment.
- ED 328 181//
Cooperative Discipline: Classroom Management that Promotes Self-Esteem.
- ED 328 555//
"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development.
- ED 328 519
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness.
- ED 327 741
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence.
- ED 328 096
Positive Self-Esteem Can Protect Native American Youth. How Can We Help?
- ED 328 385
Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood.
- ED 327 806
A Self-Esteem Group for High School Dropouts: A Facilitator's Manual.
- ED 327 784
Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II.
- ED 327 792
Self Evaluation (Groups)
- A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations.
- ED 328 590
Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted.
- ED 328 044
The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series.
- ED 328 021
Self Evaluation (Individuals)
- The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness.
- ED 327 741
High School Preparation as Viewed by Students in Miami-Dade Community College English Classes.
- ED 328 333
Majoring in the Rest of Your Life. Career Secrets for College Students.
- ED 328 183//
A Self-Esteem Group for High School Dropouts: A Facilitator's Manual.
- ED 327 784
Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing.
- ED 328 347
Using Portfolios in Instruction and Assessment.
- ED 328 586
Self Fulfilling Prophecies
- Stony the Road They Trod: The African American Male. Runts (Truth).
- ED 328 637
Self Help Programs
- Clearing the Air: A Collaborative Approach to Smoke-Free Schools.
- ED 328 537
Semantic Feature Analysis
- Semantic Feature Analysis: Classroom Applications. Reading Aids Series.
- ED 327 820
Semantics
- Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6.
- ED 328 568
Semiotics
- The Essential Theory of Literacy and Its Implications for Programming and Evaluation.
- ED 327 649
Sensory Aids
- Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making.
- ED 328 005
Service Sector
- The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities.
- ED 328 390
Service Vehicles
- Tractor Trailer Driver's Training Programs. Performance Report.
- ED 327 698
Service Disabilities
- Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.
- ED 328 002
How To Position People with Severe Disabilities. Instructor's Guide.
- ED 328 001
Implementation Strategies for Integration. An Administrator's Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.
- ED 328 003
Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
- ED 328 000
Technological Adaptations To Increase Independence. Instructor's Guide.
- ED 327 998
Severe Mental Retardation
- A Curriculum Framework for Secondary-Aged Handicapped Students.
- ED 328 039
Sewing Instruction
- Sewing: Easier with Adaptations. PAM Repeater, No. 54.
- ED 328 017
Sex Bias
- Gender Bias and Fairness. ERIC Digest.
- ED 328 610
Sex Differences
- An AIDS Hotline: Primary Prevention in the Community.
- ED 327 801
A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education.
- ED 328 157
The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.
- ED 328 562
Dropout Rates in Massachusetts Public Schools: 1989.
- ED 328 652
Gender Aware Therapy: Implications for Therapists and Male Clients.
- ED 327 771
How Emotional Are Males and Females around Others?
- ED 327 798
National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report.
- ED 328 615
Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood.
- ED 327 806
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
- ED 328 618
Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173.
- ED 328 065
Sex Discrimination
- It's Up to You. Women at UBC in the Early Years.
- ED 328 147//
Sex Education
- Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV.
- ED 327 794
Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III.
- ED 328 005
RIF JUN 1991

Subject Index

- Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II. ED 327 793
- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 792
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 791
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 795
- Sex Role**
- Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
- Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics. ED 327 804
- Psychological and Ethical Implications of Causal Theories of Sexual Orientation. ED 327 767
- Sexual Abuse**
- The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults. ED 327 773
- Sexual Harassment**
- War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women. ED 327 768
- Sexual Identity**
- Gender Aware Therapy: Implications for Therapists and Male Clients. ED 327 771
- Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics. ED 327 804
- Sexual Orientation**
- Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics. ED 327 804
- Psychological and Ethical Implications of Causal Theories of Sexual Orientation. ED 327 767
- Sexuality**
- Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV. ED 327 794
- Psychological and Ethical Implications of Causal Theories of Sexual Orientation. ED 327 767
- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 791
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 795
- Verbal and Nonverbal Communication in the Initiation of Sex. ED 327 881
- War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women. ED 327 768
- Shared Library Resources**
- Getting the Facts As Soon As Possible Through Fax. ED 328 272
- School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report. ED 328 286
- Shared Resources and Services**
- The Greater Cleveland Educational Development Center, College of Education, Cleveland State University. ED 328 125
- Western Massachusetts Five College/Public School Partnership. ED 328 152
- Signaling Devices**
- Signaling for Help. PAM Repeater, No. 56. ED 328 018
- Similarity Ratings**
- Applying Empirical Analyses to the Evaluation of Test Content. ED 328 621

- Simulation**
- Utilizing German-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891
- Singapore**
- Students' Metacognition in Mathematical Problem Solving. ED 328 438
- Site Selection**
- Economic Development for Small Communities and Rural Areas. ED 327 687
- Skill Development**
- Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119
- How To Develop an Individual Plan. Instructor's Guide. ED 327 999
- Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction. ED 328 201
- Softball for Boys and Girls. Skills Test Manual. ED 328 525
- Thinking and the Teaching of Thinking for Children. ED 328 345
- Skilled Occupations**
- What Do Workers Have To Say? Skills & Technological Change. ED 327 719
- Slum Environment**
- A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay. ED 327 986
- Small Group Instruction**
- Collaborative Learning: A No-Lecture Method of Teaching English. ED 327 866
- Small Schools**
- Child Development and the Tool Subjects in Rural Areas. Yearbook 1941. ED 328 371
- Micro Labs for High School Chemistry. ED 328 395
- Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools. ED 328 399
- Small Towns**
- Economic Development for Small Communities and Rural Areas. ED 327 687
- Smoke Free Schools**
- Clearing the Air: A Collaborative Approach to Smoke-Free Schools. ED 328 537
- Smoking**
- Clearing the Air: A Collaborative Approach to Smoke-Free Schools. ED 328 537
- Smoking Outcome Expectancies among College Students. ED 327 799
- Smoking Consequences Questionnaire**
- Smoking Outcome Expectancies among College Students. ED 327 799
- Social Action**
- Action: A Manual To Help You Organize. This Means War! And We Do Mean Business. ED 327 994
- The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2. ED 328 160//
- Social Agencies**
- Caring for Iowa's Children. ED 328 475
- Social Behavior**
- A Study of Japanese and American Perceptions of Politeness in Requests. ED 328 073
- Study 9: The Impact of Microcomputers on

Social Problems 231

- Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing. ED 328 361
- Social Bias**
- Female, Lesbian, and Jewish: Complex and Invisible. ED 327 757
- Social Change**
- The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2. ED 328 160//
- Stalling Out: The Relative Progress of African Americans. ED 328 653
- Women's Kit. ED 328 103
- Social Class**
- Doing Democracy: Case Study at Cato Park. ED 328 473
- Social Cognition**
- Value Orientation-A New Emphasis for Teacher Education in Higher Education for the 1990s. ED 328 520
- Social Context Activity Literacy Model**
- A Report on the Social Context Model of Adult Literacy. ED 327 809
- Social Development**
- An Evaluation of the Effects of Parental Divorce on College Students. ED 327 908
- Social Discrimination**
- Bigotry on Campus: A Planned Response. ED 328 108
- Female, Lesbian, and Jewish: Complex and Invisible. ED 327 757
- Social Ecology**
- Readings in Ecosocial Development. ED 327 990
- Social History**
- Caring for Iowa's Children. ED 328 475
- The Origins and Rise of Associate Degree Nursing Education. ED 328 154//
- Social Indicators**
- Stalling Out: The Relative Progress of African Americans. ED 328 653
- Social Influences**
- Black Students: Psychosocial Issues and Academic Achievement. ED 328 624
- Readings in Ecosocial Development. ED 327 990
- Social Integration**
- Alternative Models for Integration of Exceptional Students: Administrative and Research Implications. ED 328 041
- The Case Management Team: Building Community Connections. ED 327 993
- Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps. ED 328 002
- Social Mobility**
- Social Mobility in a National Sample of Young Adult Males; How Young People Get Ahead in America. ED 328 176
- Social Problems**
- Stony the Road They Trod: The African American Male. Runta (Truth). ED 328 637
- Universities and the Future of America. ED 328 151//
- 21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving

- Teens. ED 328 171
- Social Science Research**
Doing Democracy: Case Study at Cato Park. ED 328 473
- Social Services**
Collaborations in Action: Reshaping Services for Young Children and Their Families. ED 328 363
Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate. ED 328 649
Homeless People and Health Care: An Unrelenting Challenge. ED 328 648
No Place Like Home. ED 328 025
- Social Studies**
Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP). ED 328 487
K-12 Social Science Program Evaluation. ED 328 476
Notable 1989 Children's Trade Books in the Field of Social Studies. ED 328 510
Political Education in Hungary. ED 328 464
Social Studies Education: An Interpretive History of Discovery, Change, Innovation, and Trends. Humans & Environment Learning Program (HELP). ED 328 488
Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Social Support Groups**
Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
- Social Values**
Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona. ED 327 779
- Socialism**
Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989). ED 328 505
- Socialization**
Backboards & Blackboards: CoCollege Athletes and Role Engagement. ED 328 181//
Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
- Socioeconomic Influences**
The Price: A Study of the Costs of Racism in America. ED 328 650
- Socioeconomic Status**
The African American Woman. Runta (Truth). ED 328 638
Social Mobility in a National Sample of Young Adult Males; How Young People Get Ahead in America. ED 328 176
- Softball**
Softball for Boys and Girls. Skills Test Manual. ED 328 525
- Sororities**
Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- South Africa**
Special Education in South Africa-Who Plays God? ED 328 052
- South Carolina**

- Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series. ED 328 600
- BSAP Science Teaching through Inquiry. ED 328 454
- Educational Trends in South Carolina. Office of Research Report Series. ED 328 598
- Rankings of the Counties and School Districts of South Carolina 1988-89, 1990 Edition. ED 328 596
- The South Carolina Framework for Drama/Theater Education. ED 327 889
- South Carolina Guide for Child Development. ED 328 368
- What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.? ED 328 398
- South Carolina Basic Skills Assessment Program**
The Exit Exam. ED 328 616
Report on the Implementation of the Basic Skills Assessment Program 1989-90. ED 328 597
South Carolina Basic Skills Assessment Program, 1989-1990 Results. ED 328 599
- South Carolina Department of Education**
Annual Report, 1989-1990. ED 328 242
- South Carolina Education Improvement Act 1984**
Five Years Later: A Look at the EIA Investment. ED 328 601
What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984. ED 328 602
- Southern Arkansas University**
BSIT Program: A Non-Traditional Learning Opportunity. ED 328 123
- Southern Regional Education Board**
Educational Benchmarks, 1990. ED 327 924
- Southwest Missouri State University**
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894
- Space Utilization**
Inventory of Physical Facilities of Ontario Universities, 1989-90. ED 328 190
- Spanish**
Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report. ED 328 058
Enhancing Teacher Performance in Spanish Elementary Classes. Volume Two: Translated Units. Final Report. ED 328 059
En otras palabras: Illustrated Grammatical Concepts and Communicative Activities. ED 328 067
Spanish Partial Immersion Program. 1989-90 Evaluation Report. ED 328 100
- Speaking across the Curriculum**
The Faculty Development Component of Speaking across the Curriculum. ED 327 893
- Special Classes**
Effective Teaching of Hearing Impaired Students in Different Environments. ED 328 049
- Special Education**
Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 090
Language Assessment. Module 2. Bilingual/

- ESOL Special Education Collaboration and Reform Project. ED 328 091
- Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 092
- Special Education: Parent and Student Rights. [Updated.] ED 328 022
- Transdisciplinary Teaming. Module 5. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 094
- Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 093
- Special Needs Students**
A Guide to Curriculum Planning in Arts for EEN [Exceptional Educational Needs] Students. Bulletin No. 0410. ED 328 038
- Special Schools**
A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report. ED 328 015
- Speech**
A Source of Distractions in the Classroom: The Teacher. ED 328 536
- Speech Communication**
Basic Communication Course Annual. Volume 2. ED 327 906
Basic Course Communication Annual. Volume 1. ED 327 905
Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum. ED 327 910
The Faculty Development Component of Speaking across the Curriculum. ED 327 893
A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary. ED 327 886
The Research Agenda and the Basic Course in Communication. ED 327 882
Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891
- Speech Communication Education**
Basic Communication Course Annual. Volume 2. ED 327 906
Basic Course Communication Annual. Volume 1. ED 327 905
The Research Agenda and the Basic Course in Communication. ED 327 882
- Speech Curriculum**
The Faculty Development Component of Speaking across the Curriculum. ED 327 893
A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary. ED 327 886
Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891
- Speech Instruction**
A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary. ED 327 886
An Outline of Rehearsal Procedures for Solo Performances in the Beginning Interpretation Classroom. ED 327 885
The Research Agenda and the Basic Course in Communication. ED 327 882
- Speech Skills**
Speech and Language Learning: Non-Linguistic

Subject Index

- versus Linguistic Processes. Publication B-173.
ED 328 065
- Speech Writing**
Developing Writing Skills in a Speech Writing Course.
ED 327 862
- Spelling**
Spelling in the Context of Current Approaches to Language.
ED 327 847
- Spelling Instruction**
Spelling in the Context of Current Approaches to Language.
ED 327 847
- Spencerport Central School District NY**
More Effective Schools/Teaching Project. Seventh Annual Report.
ED 328 524
- Spirituality**
Spiritual Centeredness as a Tool for Positive Mental Health.
ED 327 789
- Spouses**
Assessing the Process of Marital Adaptation: The Marital Coping Inventory.
ED 327 802
Departmental Issues in Dual-Academic Marriages.
ED 327 743
Handbook for Domestic Violence Victims.
ED 327 777
Prescribed Exercise Behavior in the Treatment of Spouse Abuse.
ED 327 766
- Spreadsheets**
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom.
ED 328 427//
- Square Roots**
Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.
ED 327 710
- Staff Development**
Comprehensive System of Personnel Development, 1988-89 CSPD Report.
ED 328 055
"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development.
ED 328 519
Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report.
ED 328 064
Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools.
ED 328 399
Technological Adaptations To Increase Independence. Instructor's Guide.
ED 327 998
- Staff Role**
The Origins and Rise of Associate Degree Nursing Education.
ED 328 154//
- Stafford Student Loan Program**
Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate.
ED 328 167
- Standard Progressive Matrices**
Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.
ED 328 585
- Standardization**
Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings.
ED 328 570
- Standardized Tests**
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.
ED 328 321
The Exit Exam.
ED 328 616

- An Item Response Theory Model for Test Bias.
ED 328 584
- North Carolina Test of U.S. History. Technical Characteristics. Forms A-J.
ED 328 498
- Report on the Implementation of the Basic Skills Assessment Program 1989-90.
ED 328 597
- Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume 1. End of Course Testing.
ED 328 572
- Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.
ED 328 580
- Testing.
ED 328 613
- University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985).
ED 328 559
- Standardized Tests of Achievement for Fiji**
Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.
ED 328 580
- Standards**
The Current Status of T&I Teacher Education in the United States.
ED 327 647
- State Aid**
Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota.
ED 327 991
Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session.
ED 328 206
Methods of Financing Educational Facilities in the United States.
ED 327 916
- State Curriculum Guides**
Classroom Drama and Theatre: A Guide to Curriculum Planning.
ED 328 513
- State History**
Caring for Iowa's Children.
ED 328 475
- State Legislation**
Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 576
Five Years Later: A Look at the EIA Investment.
ED 328 601
Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth.
ED 327 756
What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984.
ED 328 602
Wrap-Up of the 1990 Special Sessions on Public Education. House Research Organization Special Legislative Report, Number 160.
ED 327 942
- State Norms**
Educational Benchmarks, 1990.
ED 327 924
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report.
ED 328 592
- State of the Art Reviews**
Catalog of ERIC Clearinghouse Publications.
ED 328 260

State Standards

233

- State Programs**
Addressing Employer Services.
ED 327 681
Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless.
ED 327 731
Arizona Competency-Based Guidance. Program Development Workbook.
ED 327 780
Arizona Competency-Based Guidance. Program Handbook.
ED 327 781
Authentic Reading Assessment. ERIC Digest.
ED 328 607
Authentic Writing Assessment. ERIC Digest.
ED 328 606
Cooperative Approaches to Respite Planning and Development.
ED 328 008
Early Childhood Education for At-Risk Children: A National Perspective.
ED 328 367
Educational Trends in South Carolina. Office of Research Report Series.
ED 328 598
The Exit Exam.
ED 328 616
Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance.
ED 328 575
Model Offices: Flexible Options, Local Innovations.
ED 327 685
Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted.
ED 328 044
Profiles of State Programs: Adult Education for the Homeless.
ED 327 730
Report on the Implementation of the Basic Skills Assessment Program 1989-90.
ED 328 597
Results in Education: 1990. The Governors' 1991 Report on Education.
ED 327 969
Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume 1. End of Course Testing.
ED 328 572
South Carolina Basic Skills Assessment Program, 1989-1990 Results.
ED 328 599
State Testing of Teachers: The 1990 Report. ERIC Digest.
ED 328 605
Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 577
Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.
ED 328 030
Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee.
ED 328 187
Unemployment Insurance. Maintaining the Foundation of Economic Security.
ED 327 680
- State School District Relationship**
A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor, U.S. House of Representatives. One Hundred First Congress, Second Session.
ED 328 654
- State Standards**
Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457.
ED 328 028
Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R.
ED 328 335
The Threat of a State Graduation Examination for Non-Public Schools in Louisiana.

- State Surveys**
How North Carolina Ranks Educationally among the Fifty States-1990. ED 328 566
- The New Jersey Governor's Commission on Eastern European and Captive Nation History Report. ED 328 583
- State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report. ED 328 470
- State University of New York**
Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91. ED 328 143
- State University System of Florida**
Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida. ED 328 168
- Statewide Planning**
Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona. ED 327 779
- Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995. ED 328 261
- Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota. ED 327 991
- JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations. ED 327 642
- Minnesota Health Statistics 1988. ED 327 782
- Strengthening Student Transfer and Articulation within the University of Nevada System. ED 328 330
- Statistical Analysis**
A Brief Overview of Three Classes of Methods for Detecting Item Bias. ED 328 578
- Statistical Data**
Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series. ED 328 600
- A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409
- Educational Statistics of the Republic of China, 1990. ED 328 564
- Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 592
- Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition. ED 328 596
- State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report. ED 328 565
- Statistical Significance**
Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic. ED 328 574
- Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study. ED 328 619
- Statistics**
Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451

Stealing

- A Plan To Reduce Library Book Losses. ED 328 282

Steps to Maturity Program BC

- Steps to Maturity Program. Evaluation. ED 327 764

Stewart B McKinney Homeless Assistance Act 1987

- Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate. ED 328 649
- A Plan To Educate Nevada's Homeless Youth. ED 328 628

Story Reading

- The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling. ED 327 826

Story Telling

- The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children. ED 328 048

Story Writing

- Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing. ED 328 347

Stress Management

- Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary. ED 328 658

Stress Variables

- Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help? ED 328 388
- Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary. ED 328 658

- Teacher Burnout in Diverse Elementary School Environments. ED 328 539

Student Adjustment

- A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report. ED 328 015

Student Assistants

- Stack Maintenance Student Aide Training Manual and Handbook. Revised. ED 328 287

Student Attitudes

- Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study. ED 328 397
- Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173
- Bigotry on Campus: A Planned Response. ED 328 108
- A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed at Improving Existing Programs in This School Division. ED 328 447
- Continuing Student Survey Results, Fall 1990. ED 328 326
- Crossing the Lines: On Creative Composition and Composing Creative Writing. ED 327 855
- Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No.

12. ED 328 239
- The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students. ED 328 573
- An Evaluation of the Effects of Parental Divorce on College Students. ED 327 908
- A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report. ED 328 015
- Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 306
- High School Preparation as Viewed by Students in Miami-Dade Community College English Classes. ED 328 333
- Improving the Personal Fitness of Secondary Trainable Mentally Handicapped Students through Aerobic Exercise. ED 328 042
- Junior School Class Size: Where Are We Now? Item 8. Set Number One. ED 328 362
- The Nation's Energy Education Report Card. ED 328 423
- Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172
- A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
- A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165
- Racial Issues on Campus: How Students View Them. ED 328 180
- Raising the Level of Self-Concept, Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials. ED 328 364
- Regional Campuses New Freshmen Survey. ED 328 329
- Responding to Our Response: Student Strategies for Responding to Teacher Written Comments. ED 328 098
- Science 10. Course of Studies, Draft. ED 328 415
- Smoking Outcome Expectancies among College Students. ED 327 799
- Student Attitude toward Selected Instructional Strategies. ED 327 843
- Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4. ED 328 298
- Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4. ED 328 308
- Student Reaction to Contract Grading. ED 328 196
- A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10. ED 328 238
- What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey. ED 327 740
- White Student Attitudes about African American Students in a University Setting. Research Report #9-90. ED 328 164
- 21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens. ED 328 171
- Student Attrition**
The Annual Minority Recruitment and Retention Conference Proceedings (6th, Austin, Texas, April 4-6, 1990). ED 328 179
- Student Behavior**
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: RIE JUN 1991

Subject Index

1989. ED 328 173
A Consumer's Guide to Alcohol and Other Drug Surveys. ED 327 776
Cooperative Discipline: Classroom Management that Promotes Self-Esteem. ED 328 555//
Predictors of Intention To Take Precautions against AIDS among Black College Students. ED 327 807
Smoking Outcome Expectancies among College Students. ED 327 799

Student Characteristics

- Analysis of Enrollment Growth, 1985 to 1989. ED 328 320
Continuing Student Survey Results, Fall 1990. ED 328 326
Educational Statistics of the Republic of China, 1990. ED 328 564
The Education of Minority Students in Non-Urban Schools. ED 328 634
Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 318
Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students. ED 328 066
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 592
Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9. ED 328 302
Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A. ED 328 077
Middle Immersion Study 1988. Research Paper 88-08. ED 328 076
Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332
Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children. ED 328 358
Strengthening Student Transfer and Articulation within the University of Nevada System. ED 328 330
Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4. ED 328 298
Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4. ED 328 308
A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10. ED 328 238
Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses. ED 328 328
Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee? ED 328 324
- Student Costs**
The Escalating Costs of Higher Education. ED 328 114
New Ways of Paying for College. ED 328 182//
Trends in Institutional Costs. ED 328 115
1990 Statistical Report. ED 328 117
- Student Development**
Essentials of Educational Psychology. ED 328 467
- Student Educational Objectives**

RIE JUN 1991

- Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted. ED 328 044
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165
Regional Campuses New Freshmen Survey. ED 328 329
- Student Employment**
Continuing Student Survey Results, Fall 1990. ED 328 326
Project STARS. 1989-90. OREA Report. ED 327 729

Student Evaluation

- An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089
Applause, Applause: Evaluating Creative Responses and Projects. ED 327 875
Multidimensional Assessment: Strategies for Schools. Video Conference 4. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 932
Readings in Ecosocial Development. ED 327 990
Special Education in Tanzania: Project Findings and Recommendations. Terminal Report. ED 328 040
Special Education: Parent and Student Rights. [Updated.] ED 328 022
Using Portfolios in Instruction and Assessment. ED 328 586

Student Exchange Programs

- Coming and Going: Forty Years of the Fulbright Programme in New Zealand. ED 328 149

Student Experience

- Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators. ED 327 887

Student Financial Aid

- Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546. ED 327 727
New Ways of Paying for College. ED 328 182//
Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session. ED 327 670
Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155
1990 Statistical Report. ED 328 117

Student Improvement

- Reducing the Suspension Rate among the Disaffected Elementary School Population. ED 328 365

Student Interests

- A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165

Student Led Activities

- Student Leadership in Forensic Programs. ED 327 902

Student Loan Programs

- New Ways of Paying for College. ED 328 182//
Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate. ED 328 167

Student Placement

235

- Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155
100 Ways Colleges Serve Adults. ED 328 159//

Student Motivation

- A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes. ED 328 036
Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers. ED 327 667
Marva Collins' Way. Second Edition. ED 328 629//
The "Psychological Environment" of the School: A Focus for School Leadership. Project Report. ED 327 954
School Culture, Motivation, and Achievement. Project Report. ED 327 948
"School Culture," Student Ethnicity, and Motivation. Project Report. ED 327 947
Teacher Expectations and Low-Achieving Students. ED 328 627
Teachers and Independent Reading: Suggestions for the Classroom. ED 327 834

Student Needs

- Middle Grades Teacher Preparation: A Future Focus. ED 328 547
A Plan To Educate Nevada's Homeless Youth. ED 328 628
Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R. ED 328 322
Teaching Diverse Students: Cases and Commentaries. ED 328 552

Student Organizations

- The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237

Student Participation

- The Case for Peers. ED 327 755
The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume I. End of Course Testing. ED 328 572
STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind. ED 328 293

Student Personnel Services

- Career Guidance Strategies for Student Affairs Professionals. ED 327 749
Condom Availability at Four-Year State Universities in the North Central Census Region. ED 328 195
Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172
Students with Disabilities: A Guide for Faculty and Staff. ED 328 107

Student Placement

- Alternative Models for Integration of Exceptional Students: Administrative and Research Implications. ED 328 041
Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990. ED 328 323

- Special Education: Parent and Student Rights. [Updated.] ED 328 022
- Student Projects**
 Applause, Applause: Evaluating Creative Responses and Projects. ED 327 875
 The Civic Achievement Award Program in Honor of the Office of the Speaker of the House of Representatives. Instructor Manual and [Student Resource Book]. Launch Edition. ED 328 466
 Primary Guide for Instructional Planning. ED 328 366
 The Value of Project Work in INSET. ED 328 081
- Student Reaction**
 Responding to Our Response: Student Strategies for Responding to Teacher Written Comments. ED 328 098
 What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey. ED 327 740
- Student Records**
 Test Validity and Language Background: A Study of Hispanic American Students at Six Universities. ED 328 623//
- Student Recruitment**
 The Annual Minority Recruitment and Retention Conference Proceedings (6th, Austin, Texas, April 4-6, 1990). ED 328 179
 The Integration of Marketing in Post-Secondary Vocational Education. ED 327 679
 The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans. ED 328 031
 The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics. ED 328 034
 The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians. ED 328 032
 The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans. ED 328 033
 The Status of Marketing in Secondary Vocational Education. ED 327 677
 100 Ways Colleges Serve Adults. ED 328 159//
- Student Research**
 Minority High School Student Research Apprenticeship Program. ED 328 121
- Student Responsibility**
 A Plan To Reduce Library Book Losses. ED 328 282
- Student Rights**
 How Advisers View Changes in the High School Press in the Post-Hazelwood Era. ED 327 877
 Special Education: Parent and Student Rights. [Updated.] ED 328 022
- Student Role**
 Piled Higher and Deeper: The Folklore of Campus Life. ED 328 170//
 Student Leadership in Forensic Programs. ED 327 902
- Student School Relationship**
 Essentials of Educational Psychology. ED 328 467
- Student Teacher Evaluation**
 Preservice Teacher Evaluation. ED 328 530
- Student Teacher Supervisors**
 Preservice Teacher Evaluation. ED 328 530
- Student Teachers**
- Preservice Teacher Evaluation. ED 328 530
- Study Abroad**
 Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad. ED 328 265
- Study Habits**
 In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus. ED 327 770
- Study Skills**
 The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills. ED 327 842
 A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education. ED 328 157
 Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction. ED 328 201
 Teaching Students How To Learn: Ideas for Teaching Information Skills. ED 327 811
 Transfer to Success. ED 327 837
- Subject Index Terms**
 Automated Authority Control in ARL Libraries. SPEC Kit #156. ED 328 254
- Subjectivity**
 Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6. ED 328 568
- Substance Abuse**
 Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119
 Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing. ED 328 389
 Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning. ED 327 754
 A Guide to Expanding School-Based Prevention. ED 327 941
 Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
 Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help? ED 328 388
 Strategies and Policies in Employee Assistance Programs. ED 327 772
- Subtraction**
 Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4. ED 327 703
- Suburban Schools**
 The Education of Minority Students in Non-Urban Schools. ED 328 634
- Success**
 Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987). ED 328 069
 The Superintendency in the Nineties: What Superintendents and Board Members Need To Know. ED 327 922//
- Suggestopedia**
 Suggestopedia: Activating the Student's Reserve Capacities. ED 328 057
- Suicide**
 The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents. ED 327 800
- Suicide Attempts**
 The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents. ED 327 800
- Summer Programs**
 Project GOLD (Garfield Options for Leadership Development). ED 328 118
- Superintendents**
 The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report. ED 327 945
 A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals. ED 327 973
 School System Administration: A Strategic Plan for Site-Based Management. ED 327 921//
 Selecting a Superintendent. ED 327 926
 The Superintendency in the Nineties: What Superintendents and Board Members Need To Know. ED 327 922//
 What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.? ED 328 398
- Supervisors**
 Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies. ED 327 786
- Supplementary Education**
 Required Academic Proficiency (RAP) Program: Final Report. ED 328 641
 Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction. ED 328 201
- Supplementary Reading Materials**
 The Newspaper as an Effective Teaching Tool: A Brief Introduction to the Newspaper in Education Concept. Revised. ED 327 869
- Supply and Demand**
 Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. ED 328 187
- Supported Employment**
 Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation. ED 327 688
 Effective Management of Supported Employment. NARF Technical Assistance Series. ED 328 020
 The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series. ED 328 021
- Supported Housing**
 No Place Like Home. ED 328 025
- Supreme Court**
 Publius and the Contemporary Court. ED 328 506
- Surveys**
 Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4. ED 328 462
 The Nation's Energy Education Report Card. ED 328 423
 Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide. ED 327 753
- Suspension**
 Reducing the Suspension Rate among the Disaffected Elementary School Population. ED 328 365
- Swaziland Teacher Training Project**
 Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report. RIE JUN 1991

Subject Index

- Symptoms (Individual Disorders)**
Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years. ED 328 554
- Systems Approach**
From Dysfunctional Families to Dysfunctional Schools: A Systems Paradigm. ED 327 785
Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention. ED 328 009
Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Systems Development**
Collaborations in Action: Reshaping Services for Young Children and Their Families. ED 328 363
Many Roads to Fundamental Reform: Getting Started. Video Conference 6. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 934
- Tables (Data)**
Educational Statistics of the Republic of China, 1990. ED 328 564
Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition. ED 328 596
- Taiwan**
Educational Statistics of the Republic of China, 1990. ED 328 564
- Talent**
Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted. ED 328 044
- Tanzania**
Special Education in Tanzania: Project Findings and Recommendations. Terminal Report. ED 328 040
- Tax Allocation**
County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9. ED 328 312
- Teacher Administrator Relationship**
A Guide to Public School Cooperation Committees in Pennsylvania. ED 327 982
Looking Left, Then Right: Administering the Wyoming Resolution. ED 327 867
The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho. ED 328 131
- Teacher Aides**
The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990). ED 328 356
- Teacher Associations**
Teachers' Views on World Issues: A Digest of the Policies of WCOTP. ED 328 499
- Teacher Attitudes**
Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills. ED 328 515
The Concerns of the Marketing Education Profession. ED 327 678
Crossing the Lines: On Creative Composition and Composing Creative Writing. ED 327 855
An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program. ED 328 542
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies. ED 327 786
Junior School Class Size: Where Are We Now?

RIE JUN 1991

- Item 8. Set Number One. ED 328 362
A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
Science Attitude Analysis of Dayton Public School Teachers in Science. ED 328 458
Some African American and Hispanic Voices from the University of Toledo. A Monograph. ED 328 153
Teachers' Views on World Issues: A Digest of the Policies of WCOTP. ED 328 499
The Training of Teacher-Librarians-Paving the Way. ED 328 289
The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project. ED 328 219
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10. ED 328 303
The Value of Project Work in INSET. ED 328 081
Writing across the Entire Curriculum: A Status Report on Faculty Attitudes. ED 327 871
- Teacher Behavior**
Communication Competency through Faculty Development. ED 327 909
A Source of Distractions in the Classroom: The Teacher. ED 328 536
- Teacher Burnout**
Teacher Burnout in Diverse Elementary School Environments. ED 328 539
- Teacher Certification**
The Role of the University in Trade and Industrial Education Credentialing. ED 327 646
State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
- Teacher Characteristics**
Comprehensive Retention and Attrition Model (CRAM). ED 328 527
Educational Statistics of the Republic of China, 1990. ED 328 564
The Role of the University in Trade and Industrial Education Credentialing. ED 327 646
A Source of Distractions in the Classroom: The Teacher. ED 328 536
A State-Wide Selection Model for Teacher Education-A Criterion-Related Approach. ED 328 518
Teacher Burnout in Diverse Elementary School Environments. ED 328 539
- Teacher Competency Testing**
State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
- Teacher Developed Materials**
Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition. ED 328 626
- Teacher Education**
The Coordinated Implementation of National and State-by-State Reform in School Mathematics. ED 328 433//
The Current Status of T&I Teacher Education in the United States. ED 327 647
Description of Child Care Training Programs in Canadian and International Jurisdictions. ED 328 348
Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base.

Teacher Influence

237

- The Role of the University in Trade and Industrial Education Credentialing. ED 328 339
Value Orientation-A New Emphasis for Teacher Education in Higher Education for the 1990s. ED 327 646
ED 328 520
- Teacher Education and Mentoring Program GA**
Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540
- Teacher Education Programs**
Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills. ED 328 515
Providing Skills and Competencies for Beginning Teachers. ED 328 535
RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project. ED 328 550
- Teacher Effectiveness**
Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report. ED 328 058
The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416
Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base. ED 328 339
A State-Wide Selection Model for Teacher Education-A Criterion-Related Approach. ED 328 518
Teachers Commitment and Job Satisfaction. Project Report. ED 327 951
- Teacher Employment**
Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four. ED 328 383
- Teacher Evaluation**
An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program. ED 328 542
Interpretation of Student Data: Contextual Variables and Cultural Implications. ED 328 166
A Tale of Two Appraisal Systems: Texas and North Carolina. ED 327 981
- Teacher Exchange Programs**
Coming and Going: Forty Years of the Fulbright Programme in New Zealand. ED 328 149
- Teacher Expectations of Students**
Teacher Expectations and Low-Achieving Students. ED 328 627
- Teacher Improvement**
AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0. ED 328 243
Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement. ED 327 957
Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series. ED 327 958
The Faculty Development Component of Speaking across the Curriculum. ED 327 893
Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers. ED 327 912
- Teacher Influence**
Teacher Expectations and Low-Achieving Students.

- Teacher Integration**
The Racial Crisis in American Higher Education.
ED 328 627
- Teacher Interns**
Teacher Education and Mentoring Program: Program Design and Research Results.
ED 328 540
Teacher Induction Partnerships Program.
ED 328 124
- Teacher Motivation**
Incentives Closeup: Profiles of Twenty-One Teacher Incentive Programs. Attracting Excellence: Call for Teacher Incentives Series.
ED 327 927
Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Summary of the Proceedings of a Seminar. Attracting Excellence: Call for Teacher Incentives Series.
ED 327 959
Proceedings of a Seminar on Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Attracting Excellence: Call for Teacher Incentives Series.
ED 327 961
Teachers Incentives: State Level Initiatives in the NCREL Region. Attracting Excellence: Call for Teacher Incentives Series.
ED 327 960
Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series.
ED 327 928
Test of a Three-Factor Model of Teacher Commitment.
ED 328 546
- Teacher Orientation**
Teacher Selection and Induction. Instructional Leadership Series.
ED 327 963
- Teacher Persistence**
Test of a Three-Factor Model of Teacher Commitment.
ED 328 546
- Teacher Qualifications**
The Current Status of T&I Teacher Education in the United States.
ED 327 647
Description of Child Care Training Programs in Canadian and International Jurisdictions.
ED 328 348
Looking Left, Then Right: Administering the Wyoming Resolution.
ED 327 867
- Teacher Recruitment**
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third Year.
ED 328 523
Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four.
ED 328 383
Teacher Education and Mentoring Program: Program Design and Research Results.
ED 328 540
Teaching Assessment Workshop Project 30.
ED 328 522
- Teacher Responsibility**
International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).
ED 328 500
- Teacher Role**
Classroom Instructional Design: Options for Teacher/Student Interaction.
ED 328 521
Guidance in Rural Schools. Yearbook. February 1942.
ED 328 372
Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50.
ED 328 360
Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Imple-

- ment a Quality Program for School-Age Children.
ED 328 358
Teachers and National Development with Special Reference to Family Life Education.
ED 328 517
Thinking and the Teaching of Thinking for Children.
ED 328 345
Writing and Sense of Self: Identity Negotiation in Writing Workshops.
ED 327 874
- Teacher Salaries**
An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.
ED 328 551
- Teacher Selection**
A State-Wide Selection Model for Teacher Education-A Criterion-Related Approach.
ED 328 518
Teacher Selection and Induction. Instructional Leadership Series.
ED 327 963
- Teacher Student Ratio**
Junior School Class Size: Where Are We Now? Item 8. Set Number One.
ED 328 362
More Teachers, Fewer Pupils: A Study of the 1:20 Teacher-Pupil Ratio Policy in the Junior School.
ED 327 967
The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990).
ED 328 356
- Teacher Student Relationship**
Classroom Instructional Design: Options for Teacher/Student Interaction.
ED 328 521
Cooperative Discipline: Classroom Management that Promotes Self-Esteem.
ED 328 555//
The Faculty Development Component of Speaking across the Curriculum.
ED 327 893
Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications.
ED 328 079
The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho.
ED 328 131
Middle Grades Teacher Preparation: A Future Focus.
ED 328 547
Teacher Expectations and Low-Achieving Students.
ED 328 627
Teaching Diverse Students: Cases and Commentaries.
ED 328 552
- Teacher Supply and Demand**
Comprehensive Retention and Attrition Model (CRAM).
ED 328 527
Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality.
ED 328 408
Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four.
ED 328 383
- Teacher Transfer**
Comprehensive Retention and Attrition Model (CRAM).
ED 328 527
- Teacher Workshops**
Authentic Writing Assessment. ERIC Digest.
ED 328 606
How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative.
ED 328 226
Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University.
ED 328 230

Teachers

- Teachers Commitment and Job Satisfaction. Project Report.
ED 327 951
- Teaching (Occupation)**
An Academic Career: It Could Be for You.
ED 328 425//
An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.
ED 328 551
Comprehensive Retention and Attrition Model (CRAM).
ED 328 527
Test of a Three-Factor Model of Teacher Commitment.
ED 328 546
- Teaching Conditions**
Looking Left, Then Right: Administering the Wyoming Resolution.
ED 327 867
Teaching Assessment Workshop Project 30.
ED 328 522
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.
ED 328 303
- Teaching Guides**
Great Minds? Great Lakes!
ED 328 455
- Teaching Methods**
ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39.
ED 327 692
Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4.
ED 328 462
Classroom Discourse: Questions, Quarrels, and Introspections.
ED 328 544
A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed At Improving Existing Programs in This School Division.
ED 328 447
The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training.
ED 328 561
The Effects of Directed Writing Activities on Reading Comprehension Performance.
ED 327 828
Guided Discovery Tutoring and Bounded User Modelling. CITE Report No. 13.
ED 328 215
How To Develop an Individual Plan. Instructor's Guide.
ED 327 999
How To Position People with Severe Disabilities. Instructor's Guide.
ED 328 001
Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired.
ED 328 046
Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990.
ED 328 132
Marva Collins' Way. Second Edition.
ED 328 629//
The Nature of "Exemplary" Science Teachers: Implications for Teacher Education.
ED 328 430
Orientation Program on Work Authorization for F-1 Thai Students at NYIT.
ED 328 191
Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000
The Practices of Teachers Who Develop Exemplary Science Programs.
ED 328 416
Primary Guide for Instructional Planning.
ED 328 366
Providing Skills and Competencies for Beginning Teachers.
ED 328 535

Subject Index

- A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Migrant. ED 328 532
- Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing. ED 328 347
- Student Attitude toward Selected Instructional Strategies. ED 327 843
- Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Teaching Students How To Learn: Ideas for Teaching Information Skills. ED 327 811
- Teaching Styles. Instructional Leadership Series. ED 327 964
- Teaching the Science in Science Fiction. ED 328 456
- Technological Adaptations To Increase Independence. Instructor's Guide. ED 327 998
- Toru Matsumoto's "Think in English" Approach. ED 328 080
- Using Portfolios in Instruction and Assessment. ED 328 586
- Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students. ED 328 291
- Teaching Skills**
- Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills. ED 328 515
- The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
- A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Migrant. ED 328 532
- Teaching Styles**
- Classroom Instructional Design: Options for Teacher/Student Interaction. ED 328 521
- Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62. ED 328 218
- Marva Collins' Way. Second Edition. ED 328 629//
- Teaching Styles. Instructional Leadership Series. ED 327 964
- Team Training**
- Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools. ED 328 399
- Teamwork**
- Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents. ED 327 790
- Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990). ED 328 184
- Transdisciplinary Teaming. Module 5. Bilingual-/ESOL Special Education Collaboration and Reform Project. ED 328 094
- Technical Assistance**
- Rural Initiative: Evaluation of the Rural Schools Assistance Program. ED 328 378
- Technical Education**
- Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
- Technical Writing**
- The New York State Program for the Conservation and Preservation of Library Research Materials. Discretionary Grant Application Workbook. ED 328 281
- Technological Advancement**
- Reflections on International Bibliographic Standards. ED 328 283
- The Role of Information System for Education Planning and Management. ED 328 285
- What Do Workers Have To Say? Skills & Technological Change. ED 327 719
- Technological Literacy**
- Exploring Technology Education. Second Edition. Teacher Guide. ED 327 655
- Technology**
- BSIT Program: A Non-Traditional Learning Opportunity. ED 328 123
- Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution. ED 327 899
- Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How. ED 327 734
- Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990. ED 327 735
- Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education. ED 327 691
- Technological Adaptations To Increase Independence. Instructor's Guide. ED 327 998
- Technology Education**
- Exploring Technology Education. Second Edition. Teacher Guide. ED 327 655
- Technology Transfer**
- Reflections on International Bibliographic Standards. ED 328 283
- Telecommunications**
- The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1. ED 328 257
- Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441
- Ideas for Integrating the Microcomputer with High School Science. ED 328 443
- Schools and National Telecommunications Policy. ED 328 224
- Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989). ED 328 233
- Teleconferencing**
- The Collaborative Classroom: Reconnecting Teachers and Learners, Video Conference 3. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 931
- Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction. ED 327 668
- Computer Conferencing and Mass Distance Education. CITE Report No. 98. ED 328 221
- The Integration of Teleconferencing in Distance Teaching. ED 328 227
- Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 935
- Many Roads To Fundamental Reform: Getting Started. Video Conference 6. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 934

Test Content

239

- The Meaning of Professional Development in the 21st Century. Video Conference 8. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 936
- Multidimensional Assessment: Strategies for Schools. Video Conference 4. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 932
- The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 929
- Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 937
- Schools as Learning Communities. Video Conference 5. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 933
- The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 930
- The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project. ED 328 219
- Telephone Communications Systems**
- The Integration of Teleconferencing in Distance Teaching. ED 328 227
- Television**
- The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453
- Tennessee**
- The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990). ED 328 356
- Tennessee Career Ladder Program**
- An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program. ED 328 542
- Tenure**
- Women and Tenure: The Opportunity of a Century. ED 328 489
- Test Anxiety**
- Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students. ED 328 163
- Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations. ED 328 062
- Test Bias**
- Gender Bias and Fairness. ERIC Digest. ED 328 610
- An Item Response Theory Model for Test Bias. ED 328 584
- Test Construction**
- Assessing the Process of Marital Adaptation: The Marital Coping Inventory. ED 327 802
- Computer-Based Assessment of Cognition: The ETS Factor Kit. ED 328 587
- Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6. ED 328 568
- Smoking Outcome Expectancies among College Students. ED 327 799
- Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
- Test Content**
- Applying Empirical Analyses to the Evaluation of

- Test Content.**
ED 328 621
- Test Format**
Modelling and Assessing Foreign Language Loss.
ED 328 071
The Validity of Writing Test Tasks.
ED 328 072
- Test Items**
The Validity of Writing Test Tasks.
ED 328 072
- Test Norms**
Softball for Boys and Girls. Skills Test Manual.
ED 328 525
- Test Results**
CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R.
ED 328 334
- Test Score Decline**
Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R.
ED 328 317
- Test Use**
A Career Development Module for Standardized Group Testing. Career Guidance Project, 1988-1989.
ED 327 783
The Case for Authentic Assessment. ERIC Digest.
ED 328 611
Life with the SAT: Assessing Our Young People and Our Times.
ED 328 622//
Measuring Aptitude. ERIC Digest.
ED 328 608
Neuropsychological Assessment in Schools.
ERIC Digest.
ED 328 609
Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2.
ED 328 581
Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.
ED 328 585
Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.
ED 328 580
Testing.
ED 328 613
- Test Validity**
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.
ED 328 035
Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.
ED 328 579
Shared Ability Analysis across Tests: A Cautionary Note.
ED 328 571
Test Validity and Language Background: A Study of the Hispanic American Students at Six Universities.
ED 328 623//
The Validity of Writing Test Tasks.
ED 328 072
- Test Wiseness**
Do College Students Who Plan before Writing Score Better on Essay Exams?
ED 327 868
Hypnotism and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students.
ED 328 163
- Testing Effects**
The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students.
ED 328 573
- Testing Problems**
CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R.
ED 328 334

- The Threat of a State Graduation Examination for Non-Public Schools in Louisiana.
ED 328 566
- Testing Programs**
Authentic Reading Assessment. ERIC Digest.
ED 328 607
Educational Trends in South Carolina. Office of Research Report Series.
ED 328 598
The Exit Exam.
ED 328 616
North Carolina Test of U.S. History. Technical Characteristics. Forms A-J.
ED 328 498
Report on the Implementation of the Basic Skills Assessment Program 1989-90.
ED 328 597
Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume I. End of Course Testing.
ED 328 572
South Carolina Basic Skills Assessment Program, 1989-1990 Results.
ED 328 599
State Testing of Teachers: The 1990 Report. ERIC Digest.
ED 328 605
Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 577
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985).
ED 328 559
- Texas**
Special Education: Parent and Student Rights. [Updated].
ED 328 022
Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 577
A Tale of Two Appraisal Systems: Texas and North Carolina.
ED 327 981
Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee.
ED 328 187
Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report.
ED 328 352
Wrap-Up of the 1990 Special Sessions on Public Education. House Research Organization Special Legislative Report, Number 160.
ED 327 942
- Textbook Content**
Biology Textbooks 1990: The New Generation.
ED 328 431
"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.
ED 328 511
- Textbook Evaluation**
Biology Textbooks 1990: The New Generation.
ED 328 431
Children's Failure To Read: Learner Deficit or Task Artifact?
ED 327 813
A Guide to Selecting Basal Reading Programs.
ED 327 835
The New Jersey Governor's Commission on Eastern European and Captive Nation History Report.
ED 328 470
"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.
ED 328 511
- Textbook Selection**
Biology Textbooks 1990: The New Generation.
ED 328 431

- Thailand**
A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.
ED 328 560
- Thanksgiving**
Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.
ED 328 393
- Theater Arts**
Classroom Drama and Theatre: A Guide to Curriculum Planning.
ED 328 513
Producing Musical Theater for High School.
ED 327 890
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart."
ED 327 894
The South Carolina Framework for Drama/Theater Education.
ED 327 889
- Thematic Approach**
Holistic Learning: A Teacher's Guide to Integrated Studies.
ED 328 529//
Primary Guide for Instructional Planning.
ED 328 366
- Theory Practice Relationship**
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4.
ED 328 422//
Developing a Language Program. Children and Language Series.
ED 327 849
Educational Evaluation: Ethnography in Theory, Practice, and Politics.
ED 328 620//
The Instructional Consultant Role of the School Library Media Specialist: A Research Study.
ED 328 276
A School Is a Language Place. Children and Language Series.
ED 327 850
- Therapeutic Environment**
Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing.
ED 328 389
- Thesauri**
Canonical Correlation: Terms and Descriptions.
ED 328 567
- Thinking in English (Matsumoto)**
Toru Matsumoto's "Think in English" Approach.
ED 328 080
- Thinking Skills**
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing.
ED 327 854
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores.
ED 328 145
Students' Metacognition in Mathematical Problem Solving.
ED 328 438
Thinking about Thinking.
ED 327 980
Thinking and the Teaching of Thinking for Children.
ED 328 345
The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools. A Guidebook.
ED 327 930
- Time Management**
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus.
ED 327 770
- Time on Task**
On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering.
ED 328 146
- Tobacco**
Behaviors, Attitudes and Knowledge of UNO
RIE JUN 1991

Subject Index

Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173

Toddlers

Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years. ED 328 354

[Infants in Day Care]. ED 328 012

[Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 010

Tourism

Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s. ED 327 690

Track System (Education)

Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study. ED 328 397

Managing Instruction for Equity and Excellence: Effective Alternatives to Tracking. Teleconference Resource Guide. ED 327 956

The Variable Effects of Tracking: Inequality and Productivity in American High Schools. ED 328 632

Trade and Industrial Education

Access, Equity, and Opportunity. Women in Machining: A Model Program. ED 327 718

The Current Status of T&I Teacher Education in the United States. ED 327 647

The Readability of Trade Examinations. ED 327 726

Residential and Light Commercial HVAC. Teacher Edition. ED 327 659

The Role of the University in Trade and Industrial Education Credentialing. ED 327 646

Training

Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide. ED 327 653

Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries. ED 327 733

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance. ED 328 593

Training Effectiveness

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance. ED 328 593

Transfer Policy

Articulation Models for Vocational Education. Information Series No. 343. ED 327 737

Strengthening Student Transfer and Articulation within the University of Nevada System. ED 328 330

Transient Children

Meeting of National Specialists on the Conditions Governing the Schooling of the Children of Mobile Populations. Final Report (Confians-Sainte-Honorine, France, September 11-15, 1989). ED 328 394

Transitional Programs

The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills. ED 327 842

College Learning Strategies: A Retention Model for At-Risk Students. ED 327 825

Critical Policy and Research Issues for Early Childhood and Elementary Education. ED 328 341

Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report. ED 327 696

RIF JUN 1991

A Model Information Workshop for Prospective TK Parents. ED 328 064

Participation in Post-Compulsory Schooling in Scotland. ED 328 353

Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School. ED 328 185

Trend Analysis. ED 328 004

Trend Analysis

Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series. ED 328 600

The Escalating Costs of Higher Education. ED 328 114

Kids Count Data Book. State Profiles of Child Well-Being. ED 328 553

Trends in Institutional Costs. ED 328 115

Trends in the Postsecondary Enrollment of Minorities. ED 328 112

Tribes

The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm. ED 328 503

Triton College II

Review of Evaluation Procedures Used in Project POWER. ED 327 645

Troubleshooting

Graphic Arts: The Press and Finishing Processes. Teacher Guide. ED 327 661

Truck Drivers

Tractor Trailer Driver's Training Programs. Performance Report. ED 327 698

Trustees

To Hold in Trust. ED 328 193

Tuition

The Escalating Costs of Higher Education. ED 328 114

Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?" ED 328 140

Trends in Institutional Costs. ED 328 115

The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems. ED 328 105

Tuition Grants

New Ways of Paying for College. ED 328 182//

Tutorial Programs

Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407

Chapter 1 Migrant Education Program: Final Report. ED 328 640

Conference Groups in the Writing Center: Shared Resources. ED 328 070

Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990. ED 328 132

Required Academic Proficiency (RAP) Program: Final Report. ED 328 641

Tutoring

Join the Club! A New Approach to the Traditional Reading Clinic. ED 327 819

Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report. ED 327 696

Thinking about College Teaching.

Undergraduate Study

241

ED 328 174

Two Year College Students

Analysis of Enrollment Growth, 1985 to 1989. ED 328 320

Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990. ED 328 323

CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R. ED 328 334

Community College of Rhode Island: Annual Report, 1989-90. ED 328 313

Continuing Student Survey Results, Fall 1990. ED 328 326

Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989. ED 328 321

Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 318

Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304

Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9. ED 328 302

Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332

Regional Campuses New Freshmen Survey. ED 328 329

Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4. ED 328 298

Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4. ED 328 308

Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2. ED 328 296

Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5. ED 328 309

What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319

Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee? ED 328 324

Two Year Colleges

Focus on Faculty Service. ED 328 113

U Method

Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588

Underachievement

Gifted Learning Disabled and Gifted Underachievers: Similarities and Differences. ED 328 050

Undergraduate Students

Construct Validity of an Instrument To Measure Computer Aversion. ED 328 569

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance. ED 328 593

Undergraduate Study

Baccalaureate Origins of Doctorate Recipients: A Ranking by Discipline of 4-Year Private Institutions. 6th Edition, 1920-1988 Data. ED 328 177

The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137

Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 106//

Renewing Undergraduate Education: Recommendations from the Irvine Group. ED 328 194

Reports from the Fields. Liberal Learning and the

- Arts and Sciences Major. Volume 2. ED 328 138
- Unemployment**
Training for Work: What the U.S. Can Learn from Europe. ED 327 641
Unemployment Insurance. Maintaining the Foundation of Economic Security. ED 327 680
Youth and Work: Outreach, Assessment, Preparation. ED 327 682
- Unemployment Insurance**
Addressing Employer Services. ED 327 681
Employment Services Needs of Veterans. ED 327 684
Unemployment Insurance. Maintaining the Foundation of Economic Security. ED 327 680
- UNESCO**
UNESCO and Africa. ED 328 490
- Unions**
Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum. ED 327 686
- United Kingdom**
The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2. ED 328 198//
- United States (Mid Atlantic States)**
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities. ED 328 390
- United States (Northeast)**
Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market. ED 327 940
Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region. ED 328 387
- United States (South)**
Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990). ED 328 382
Rural Education in the South. Bulletin of the Department of Rural Education. ED 328 375
Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381
- United States (Southeast)**
The Role of Information in the Economy of the Southeast. ED 328 284
- United States Government (Course)**
C-Span in the American Government Classroom. ED 328 477
- United States History**
American History Guide, Bulletin 1599. Revised 1989. ED 328 469
North Carolina Test of U.S. History. Technical Characteristics. Forms A-J. ED 328 498
Teaching about Women and the Vietnam War. ED 328 491
The Vietnam War: A Four Week Instructional Unit. Grades 11-12. ED 328 492
- Women in the Farmers' Alliance. ED 328 501
- Units of Study**
The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137
An Educational Unit on Deafness for Hearing Students. ED 328 016
Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91. ED 328 143
Primary Guide for Instructional Planning. ED 328 366
Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138
- Universal Bibliographic Control**
Reflections on International Bibliographic Standards. ED 328 283
- Universities**
Focus on Faculty Service. ED 328 113
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985). ED 328 559
- University Affiliated Programs**
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians. ED 328 032
- University Affiliated Training Programs**
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans. ED 328 031
The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics. ED 328 034
The Recruitment and Retention of Minority Trainers in University Affiliated Programs-African-Americans. ED 328 033
- University of British Columbia (Canada)**
It's Up to You. Women at UBC in the Early Years. ED 328 147//
- University of Georgia**
Students with Disabilities: A Guide for Faculty and Staff. ED 328 107
- University of Hartford CT**
College Learning Strategies: A Retention Model for At-Risk Students. ED 327 825
- University of Maryland College Park**
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165
White Student Attitudes about African American Students in a University Setting. Research Report #9-90. ED 328 164
- University of Minnesota**
Conference Groups in the Writing Center: Shared Resources. ED 328 070
- University of Nebraska Omaha**
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173
Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172
- University of Northern Colorado**
Teacher Induction Partnerships Program. ED 328 124
- University of Phoenix AZ**
Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students. ED 327 666
Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education. ED 327 665
- University of Queensland (Australia)**
The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237
- University of Toledo OH**
Some African American and Hispanic Voices from the University of Toledo. A Monograph. ED 328 153
- University of Winnipeg (Canada)**
Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg. ED 328 148
- Urban Areas**
Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas. ED 328 657
Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas. ED 328 656
- Urban Demography**
Drug Impact Index. ED 327 775
- Urban Education**
Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990). ED 328 645
Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. ED 327 830
Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary. ED 327 829
- Urban League**
Black Americans and Public Policy: Perspectives of the National Urban League. ED 328 651
- Urban Programs**
Latinos and the Dropout Crisis: The Community Solution. ED 328 639
- Urban Schools**
Urban Second Graders' Attitudes toward Reading. ED 327 841
- Urban Youth**
Urban Second Graders' Attitudes toward Reading. ED 327 841
- Use Studies**
Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper. ED 328 273
A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10. ED 328 238
The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project. ED 328 219
- Users (Information)**
Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project. ED 328 268
Onsite Access to Library Collections by Visiting Scholars. ED 328 253

Subject Index

Validity

- Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588

Values Clarification

- Value Orientation—A New Emphasis for Teacher Education in Higher Education for the 1990s. ED 328 520

Values Education

- Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona. ED 327 779

- A Plan To Reduce Library Book Losses. ED 328 282

Variance (Statistical)

- Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis. ED 328 589

Venerable Diseases

- Condom Availability at Four-Year State Universities in the North Central Census Region. ED 328 195

Ventilation

- Residential and Light Commercial HVAC. Teacher Edition. ED 327 659

Verbal Communication

- Verbal and Nonverbal Communication in the Initiation of Sex. ED 327 881

Verbs

- En otras palabras: Illustrated Grammatical Concepts and Communicative Activities. ED 328 067

Veterans

- Employment Services Needs of Veterans. ED 327 684

Veterans Education

- Employment Services Needs of Veterans. ED 327 684
Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546. ED 327 727

- Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session. ED 327 670

- Veterans Employment and Training Programs. Report from the Committee on Veterans' Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session. ED 327 669

Victims of Crime

- The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults. ED 327 773

- Handbook for Domestic Violence Victims. ED 327 777

Victoria University of Wellington (New Zealand)

- The Validity of Writing Test Tasks. ED 328 072

Vietnam War

- Teaching about Women and the Vietnam War. ED 328 491

- The Vietnam War: A Four Week Instructional Unit. Grades 11-12. ED 328 492

Violence

- Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly. ED 327 747

Virginia

- A Regional On-Site Administrator Preparation Program.

RIE JUN 1991

- The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems. ED 327 913

- Virginia Commonwealth University
The Relationship of Cognitive Style to Academic Performance among Dental Students. ED 328 105

Visual Impairments

- Play Activities and Emergent Language: Intervention Procedures for Young Children with Deaf-Blindness. ED 328 006

Vocabulary

- Les Actes des Journees de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990. ED 328 095

Vocabulary Development

- En otras palabras: Illustrated Grammatical Concepts and Communicative Activities. ED 328 067

- "Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach. ED 327 840

Vocational Education

- Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292

- Articulation Models for Vocational Education. Information Series No. 343. ED 327 737

- Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation. ED 327 688

- Employer Needs Assessment. ED 328 325

- Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1. ED 328 305

- Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304

- A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344. ED 327 738

- The Integration of Marketing in Post-Secondary Vocational Education. ED 327 679

- Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How. ED 327 734

- Partnerships for Learning: School Completion and Employment Preparation in the High School Academics. ED 328 630

- PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717

- Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988). ED 327 724

- The Status of Marketing in Secondary Vocational Education. ED 327 677

- Vocational Education Safety Instruction Manual. ED 327 723

- Vocational Education: The Issue Is Access. ED 327 720

Vocational Followup

- Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335

Vocational Rehabilitation

- Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989.

Water Resources

243

- Effective Management of Supported Employment. NARF Technical Assistance Series. ED 328 026

Volume (Mathematics)

- More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10. ED 327 709

Voluntary Agencies

- Action: A Manual To Help You Organize. This Means War! And We Do Mean Business. ED 327 994

Voluntary Desegregation

- The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4. ED 327 925

Volunteer Training

- Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries. ED 327 733

- Peace Corps Aquaculture Training Manual. Training Manual T0057. ED 327 732

Vygotsky (Lev S)

- Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986). ED 328 068

Wages

- Survey of Ohio Employers. Job Training Partnership Program Year 1988. ED 327 640

Wales

- PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717

War

- Teaching about Women and the Vietnam War. ED 328 491

Washington

- Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance. ED 328 575

Waste Disposal

- Maine School Science Safety Guidelines. ED 328 435

- Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989). ED 328 380

Wastes

- Discarding the Throwaway Society. Worldwatch Paper 101. ED 328 400

- Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12. ED 328 432

Water

- Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989). ED 328 380

Water Quality

- Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia). ED 328 376

- Aquaculture. Teacher Edition. ED 327 657

- Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989). ED 328 380

Water Resources

- Great Lakes Education Booklet, 1990-1991. ED 327 888
- Great Minds? Great Lakes! ED 328 418
- Wechsler Intelligence Scale for Children (Revised)
Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 455
- Weight (Mass)
More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10. ED 327 709
- Welfare Recipients
Off Welfare, into Work. ED 327 654
- Welfare Services
Black Americans and Public Policy: Perspectives of the National Urban League. ED 328 651
- Well Being
"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development. ED 328 519
Kids Count Data Book. State Profiles of Child Well-Being. ED 328 553
- Wellness
"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development. ED 328 519
- Western Massachusetts Five Coll Pub Sch Partners
Western Massachusetts Five College/Public School Partnership. ED 328 152
- White Students
Racial Issues on Campus: How Students View Them. ED 328 180
- Whites
The Price: A Study of the Costs of Racism in America. ED 328 650
- Whole Language Approach
Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 327 822
Literacy: The Impact of Technology on Early Reading. ED 327 832
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature. ED 327 838
Theoretical Orientation of British Infant School Teachers. ED 327 823
"Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach. ED 327 840
- Wildlife
Introduction to Natural Resources. Teacher Edition. ED 327 656
- Winston Dillard School District OR
Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation. ED 327 688
- Withdrawal (Education)
Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2. ED 328 296
Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5. ED 328 309
- Wittgenstein (Ludwig)
Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 645
- Women Administrators
Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series. ED 328 635//
- Women Faculty
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10. ED 328 303
Women and Tenure: The Opportunity of a Century. ED 328 489
Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978
Women's Higher Education in Comparative Perspective. ED 328 161//
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series. ED 328 635//
- Womens Education
Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
It's Up to You. Women at UBC in the Early Years. ED 328 147//
The Literacy Issue: Feminist Perspectives on Reading and Writing. ED 328 102
Population in Perspective: Regional Views. A Population Learning Series. ED 328 479
The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition. ED 328 478
Women's Higher Education in Comparative Perspective. ED 328 161//
Women's Kit. ED 328 103
- Womens Studies
Teaching about Women and the Vietnam War. ED 328 491
Women in the Farmers' Alliance. ED 328 501
- Word Problems (Mathematics)
Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3. ED 327 702
Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6. ED 327 705
Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4. ED 327 703
Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8. ED 327 707
- Word Recognition
Computer Speech Devices for Adult Literacy Skills. Final Report. ED 327 694
- Word Study Skills
Semantic Feature Analysis: Classroom Applications. Reading Aids Series. ED 327 820
- Work Experience Programs
Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation. ED 327 688
Project STARS. 1989-90. OREA Report. ED 327 729
- Workplace Literacy
The Need for Workplace Literacy Partnerships. ED 327 643
Review of Evaluation Procedures Used in Project POWER. ED 327 645
- Workplace Literacy Partnerships Program. Final Performance Report. ED 327 634
- Workshops
The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
The Rural Career Assistance Program: An Implementation Guide. ED 327 664
Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report. ED 328 352
Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide. ED 327 817
- World Affairs
If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools. ED 328 486
- World Confederation of Orgs of the Teaching Prof
Teachers' Views on World Issues: A Digest of the Policies of WCOTF. ED 328 499
- World Health Organization
Continuing Education for Change. WHO Regional Publications, European Series, No. 28. ED 327 639
- World History
The Industrial Revolution. Land and Freedom-Issues in World History. ED 328 494
Land and Freedom-Issues in World History. ED 328 496
Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction]. ED 328 495
- World Literature
Celebrating Diversity: A Global Approach to Literature and World Culture. Proceedings of the Conference (Montclair, New Jersey, March 10, 1989). ED 327 857
- World Problems
Great Decisions '86. ED 328 474
Population in Perspective: Regional Views. A Population Learning Series. ED 328 479
The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition. ED 328 478
- Writing (Composition)
Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations. ED 328 062
- Writing Across the Curriculum
Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292
Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
The Relationship between Journal Writing in Education and Thinking Processes: What Educators Say about It. ED 327 870
Writing across the Entire Curriculum: A Status Report on Faculty Attitudes. ED 327 871
- Writing Apprehension
Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations. ED 327 871

- tions. ED 328 062
- Writing Assignments**
Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292
Exploring Mental Illness through a Poetry Writing Assignment. ED 327 858
Writing about Literature: The Paper of Many Parts. ED 327 872
- Writing Attitudes**
Crossing the Lines: On Creative Composition and Composing Creative Writing. ED 327 855
Writing and Sense of Self: Identity Negotiation in Writing Workshops. ED 327 874
Writing: Parents and Children at Work. ED 327 846
- Writing Contexts**
Crossing the Lines: On Creative Composition and Composing Creative Writing. ED 327 855
- Writing Development**
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing. ED 327 854
Developing Literacy: Grades 4-6 and Beyond. ED 327 878
Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
Understanding Reading and Writing. Children and Language Series. ED 327 853
- Writing Evaluation**
Applause, Applause: Evaluating Creative Responses and Projects. ED 327 875
Authentic Writing Assessment. ERIC Digest. ED 328 606
More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change. ED 328 594
Using Portfolios in Instruction and Assessment. ED 328 586
- Writing Exercises**
Writing about Literature: The Paper of Many Parts. ED 327 872
- Writing Improvement**
Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing. ED 327 854
Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing. ED 328 347
- Writing Instruction**
Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292
Conference Groups in the Writing Center: Shared Resources. ED 328 070
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing. ED 327 878
- ing. ED 327 854
Developing Literacy: Grades 4-6 and Beyond. ED 327 878
Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 046
Looking Left, Then Right: Administering the Wyoming Resolution. ED 327 867
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature. ED 327 838
Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report. ED 327 696
A Report on the Social Context Model of Adult Literacy. ED 327 809
Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987). ED 328 069
Using Computers in Reading Instruction. ED 327 810
Writing and Sense of Self: Identity Negotiation in Writing Workshops. ED 327 874
Writing: Parents and Children at Work. ED 327 846
- Writing Laboratories**
Conference Groups in the Writing Center: Shared Resources. ED 328 070
- Writing Processes**
Review of the Interactive Model: Reconsideration of Reading and Writing Relationship. ED 327 831
Understanding Reading and Writing. Children and Language Series. ED 327 853
Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations. ED 328 062
Writing: Parents and Children at Work. ED 327 846
- Writing Research**
Review of the Interactive Model: Reconsideration of Reading and Writing Relationship. ED 327 831
- Writing Samples**
Using Portfolios in Instruction and Assessment. ED 328 586
- Writing Skills**
Collaborative Learning: A No-Lecture Method of Teaching English. ED 327 866
Developing Writing Skills in a Speech Writing Course. ED 327 862
Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 327 822
Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing. ED 328 347
Spelling in the Context of Current Approaches to Language. ED 327 847
- Writing Strategies**
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing. ED 327 854
Developing Literacy: Grades 4-6 and Beyond. ED 327 878
- Writing Tests**
Developing Literacy: Grades 4-6 and Beyond. ED 327 878
South Carolina Basic Skills Assessment Program, 1989-1990 Results. ED 328 599
The Validity of Writing Test Tasks. ED 328 072
- Writing Thinking Relationship**
The Relationship between Journal Writing in Education and Thinking Processes: What Educators Say about It. ED 327 870
- Writing to Learn**
Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
- Writing to Read Program**
Literacy: The Impact of Technology on Early Reading. ED 327 832
- Writing Workshops**
Writing and Sense of Self: Identity Negotiation in Writing Workshops. ED 327 874
Writing: Parents and Children at Work. ED 327 846
- Written Language**
Spelling in the Context of Current Approaches to Language. ED 327 847
- Wyoming Resolution**
Looking Left, Then Right: Administering the Wyoming Resolution. ED 327 867
- Young Adults**
Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood. ED 327 806
Social Mobility in a National Sample of Young Adult Males; How Young People Get Ahead in America. ED 328 176
- Young Children**
Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report. ED 328 337
Early Childhood Education for At-Risk Children: A National Perspective. ED 328 367
Poetry Experiences with Young Children. Revised Edition. ED 328 349
- Youth Agencies**
Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents. ED 327 790
- Youth Employment**
Youth and Work: Outreach, Assessment, Preparation. ED 327 682
- Youth Problems**
Kids Count Data Book. State Profiles of Child Well-Being. ED 328 553
Youth and Work: Outreach, Assessment, Preparation. ED 327 682
- Youth Programs**
Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth. ED 327 756
Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
Youth and Work: Outreach, Assessment, Preparation. ED 327 682



This index lists documents under the name(s) of their author(s). The index is arranged in alphabetical order by the person's last name.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the document can be found under that number in the resume section.

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Author ————— **McKeachie, Wilbert J.**
 Title ————— Teaching Tips: A Guidebook for the Beginning College
 Teacher, Eighth Edition. ED 298 813 ————— **Accession Number**

- Abbott, Robert D.**
Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner. ED 327 814
- Aboud, Nancy V.**
Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
- Abraham, Ansley A.**
Racial Issues on Campus: How Students View Them. ED 328 180
- Adams-Nepote, Sue**
The Confidentiality Rights of HIV-Infected Individuals within a School. ED 327 915
- Adams, Dorcas M.**
Continuing Student Survey Results, Fall 1990. ED 328 326
- Adler, Patricia A.**
Backboards & Blackboards: CoCollege Athletes and Role Engagement. ED 328 181//
- Ahai, Naituwo**
Literacy in an Emergent Society: Papua New Guinea. ED 327 816
- Ahlgren, Andrew**
Cycles of Nature. An Introduction to Biological Rhythms. ED 328 446
- Ahmad, Mahassen**
Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report. ED 328 352
- Aitken, Joan E.**
Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum. ED 327 910
- Al-Rubaiy, A.**
The History of the March toward Literacy in Iraq. ED 328 472
- Al-Zubaidy, K.**
The History of the March toward Literacy in Iraq. ED 328 472
- Albaum, Jean Stirling**
R1E JUN 1991
- A Cost Free Counseling Model for High Risk Elementary Students.** ED 327 788
- Albert, Linda**
Cooperative Discipline: Classroom Management that Promotes Self-Esteem. ED 328 555//
- Alexander, Margaret**
Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104. ED 328 256
- Allen, Barbara**
Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4. ED 328 085
- Allen, William T.**
Read My Lips: It's My Choice... ED 327 996
- Altbach, Philip G., Ed.**
The Racial Crisis in American Higher Education. ED 328 135//
- Anderson, Nancy D.**
Onsite Access to Library Collections by Visiting Scholars. ED 328 253
- Andrews, Judy A.**
The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents. ED 327 800
- Ansell, Dorothy I.**
Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide. ED 327 904
- Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.** ED 327 903
- Anthony, William A., Ed.**
Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49. ED 328 023
- Archer, Elaine**
Partnerships for Learning: School Completion and Employment Preparation in the High School Academies. ED 328 630
- Arkin, Elaine Bratic**
Making Health Communication Programs Work. A Planner's Guide. ED 327 898
- Arreaga-Mayer, Carmen**
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report. ED 328 054
- Arter, Judith A.**
Using Portfolios in Instruction and Assessment. ED 328 586
- Asamen, Joy Keiko, Ed.**
Black Students: Psychosocial Issues and Academic Achievement. ED 328 624
- Ashley, William, Comp.**
The Rural Career Assistance Program: An Implementation Guide. ED 327 664
- Augenstein, John J.**
The Superintendency in the Nineties; What Superintendents and Board Members Need To Know. ED 327 922//
- Ave, Eunice**
National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report. ED 328 615
- Bahn, Ken**
Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888
- Bailey, Wilford S.**
Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform. ED 328 156//
- Baker, Michael**
Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51. ED 328 216
- Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38.** ED 328 485
- Baker, Mike**
Intelligent Computer-Aided Instruction and Musical Performance Skills. CITE Report No. 18. ED 328 483

- Baker, Pamela C.**
Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention. ED 328 009
- Baker, Timothy B.**
Smoking Outcome Expectancies among College Students. ED 327 799
- Baldwin, Anne**
Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335
Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89. ED 328 331
- Balfe, Kevin**
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations. ED 327 642
- Bamber, Chrissie**
Public School Choice: An Equal Chance for All? ED 327 917
- Bangert-Drowns, Robert L.**
Meta-Analysis of Effects of Explicit Instruction for Critical Thinking. ED 328 614
- Bankert, Esther**
Meta-Analysis of Effects of Explicit Instruction for Critical Thinking. ED 328 614
- Barbee, Anita P.**
Departmental Issues in Dual-Academic Marriages. ED 327 743
- Barker, Philip**
[Papers of the ELF Project]. ED 328 211
- Barlowe, Raleigh**
Who Owns Your Land? ED 328 379
- Baron, Mark A.**
A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals. ED 327 973
- Bartell, Carol A.**
Teacher Incentives: State Level Initiatives in the NCREL Region. Attracting Excellence: Call for Teacher Incentives Series. ED 327 960
- Bartell, Carol A., Ed.**
Proceedings of a Seminar on Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Attracting Excellence: Call for Teacher Incentives Series. ED 327 961
- Bathurst, Effie G., Ed.**
Conservation Education in Rural Schools. Yearbook. February 1943. ED 328 369
- Beall, Anne E.**
How Emotional Are Males and Females around Others? ED 327 798
- Beard, John**
Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution. ED 327 899
- Beaver, John F.**
Writing across the Entire Curriculum: A Status Report on Faculty Attitudes. ED 327 871
- Beckham, Joseph C.**
School Officials and the Courts: Update 1990. ERS Monograph. ED 327 979//
- Beeby, Ellen**
Basics of Desktop Publishing. Teacher Edition. ED 327 658
- Bejar, Isaac I.**
Computer-Based Assessment of Cognition: The ETS Factor Kit. ED 328 587
- Belcher, Marcia J.**
Factors That Affect Success in Nursing. Research Report No. 89-28R. ED 328 316
Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 318
Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R. ED 328 322
What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319
Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee? ED 328 324
Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R. ED 328 317
- Bempechat, Janine**
Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- Benard, Bonnie**
The Case for Peers. ED 327 755
- Benson, Dennis K.**
Survey of Ohio Employers. Job Training Partnership Program Year 1988. ED 327 640
- Bergman, Joan S.**
How To Position People with Severe Disabilities. Instructor's Guide. ED 328 001
- Berman, William H.**
Assessing the Process of Marital Adaptation: The Marital Coping Inventory. ED 327 802
- Bermudez, Andrea B.**
Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 092
- Berninger, Virginia W.**
Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner. ED 327 814
- Berry, Gordon LaVern, Ed.**
Black Students: Psychosocial Issues and Academic Achievement. ED 328 624
- Bey, Theresa M.**
Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540
- Bhola, H. S.**
Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons. ED 327 650
Adult Literacy for Development: The Logic and Structure of Economic Motivations. ED 327 648
The Essential Theory of Literacy and Its Implications for Programming and Evaluation. ED 327 649
A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations. ED 328 590
- Biddle, Don S.**
Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education.
- Biermann, Carol A.**
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level. ED 328 414
- Bihm, Elson M.**
Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception. ED 327 803
- Bishop, Kelly**
Clearing the Air: A Collaborative Approach to Smoke-Free Schools. ED 328 537
- Bishop, Wendy**
Crossing the Lines: On Creative Composition and Composing Creative Writing. ED 327 855
- Bissonette, Ronald, Ed.**
Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990. ED 328 095
- Blair-Thomas, Lynn**
Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School. ED 328 004
- Bloom, Diane S.**
Developing Literacy: Grades 4-6 and Beyond. ED 327 878
- Bobbitt, Sharon A.**
Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report. ED 328 617
- Boe, Erling E.**
Comprehensive Retention and Attrition Model (CRAM). ED 328 527
- Boerckel, Denise**
Looking Left, Then Right: Administering the Wyoming Resolution. ED 327 867
- Bok, Derek**
Universities and the Future of America. ED 328 151//
- Bonnstetter, Ronald J.**
The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416
- Book, Cassandra L.**
The Gift of Oration for the Gifted and Talented-Teaching Oral Communication to High School Students. ED 327 892
- Borchardt, F. T.**
The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237
- Bossone, Richard M., Ed.**
Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990). ED 328 645
- Bourbon, Terri, Ed.**
Catalog of ERIC Clearinghouse Publications. ED 328 260
- Bowd, Alan D.**
Alternative Models for Integration of Exceptional Students: Administrative and Research Implications. ED 328 041
- Bradshaw, Dean H.**
Audiographics Distance Learning: A Resource Handbook. ED 328 384
- Brady, Elaine M.**
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between

Author Index

tween Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations.

ED 327 642

Braid, Mary

Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace.

ED 327 689

Brandenburg-Ayres, Susan

Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project.

ED 328 093

Brandon, Thomas H.

Working Outcome Expectancies among College Students.

ED 327 799

Braver, Sanford L.

Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study.

ED 328 619

Bravi, Gerald

Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.

ED 327 845

Brawdy, Ruth A., Ed.

Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education.

ED 327 673

Brazziel, Marian E.

Social Mobility in a National Sample of Young Adult Males; How Young People Get Ahead in America.

ED 328 176

Brazziel, William F.

Higher Education and Adult Demography.

ED 328 139

Thinking about College Teaching.

ED 328 174

Bredenkamp, Sue

Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base.

ED 328 339

Brinkerhoff, Charles

Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning.

ED 327 754

Bronner, Simon J.

Piled Higher and Deeper: The Folklore of Campus Life.

ED 328 170//

Brooke, Robert E.

Writing and Sense of Self: Identity Negotiation in Writing Workshops.

ED 327 874

Brookes, Gay, Ed.

Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986).

ED 328 068

Brooks, Margaret K.

Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth.

ED 327 756

Brophy, Jere

Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27.

ED 328 355

Brown, Carol S.

K-12 Social Science Program Evaluation.

ED 328 476

Brown, Sally

Planning Small-Scale Research. SCRE Spotlights, 27.

ED 328 543

Browning, Genia

Opportunities for the Older Unemployed. An IRIE JUN 1991

Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s.

ED 327 690

Buchik, Nancy T.

Improving the Personal Fitness of Secondary Trainable Mentally Handicapped Students through Aerobic Exercise.

ED 328 042

Buchman, James H.

The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1.

ED 328 257

Buck, Sue

Exploring Aeronautics and Space Technology. Teacher Edition.

ED 327 660

Bullis, Michael, Ed.

Research on the Communication Development of Young Children with Deaf-Blindness.

ED 328 007

Bunsen, Teresa D.

Special Projects: An Historical Analysis.

ED 328 024

Burge, Elizabeth J.

Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education.

ED 328 228

Burgen, J. R.

Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.

ED 328 585

Byers, Jenny

The Effects of Childhood Sexual Abuse on Children, Adolescents, and Adults.

ED 327 773

Byrne, Barbara

The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.

ED 328 562

Byrnes, Jane, Ed.

The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1.

ED 328 257

Cameron, Carol

Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI.

ED 328 277

Campbell, Raymond, Ed.

Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia).

ED 328 376

Candoli, I. Carl

School System Administration: A Strategic Plan for Site-Based Management.

ED 327 921//

Cardozier, V. R.

Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101.

ED 328 162

Carey, George

Publius and the Contemporary Court.

ED 328 506

Carfora, Juanita

En otras palabras: Illustrated Grammatical Concepts and Communicative Activities.

ED 328 067

Carfora, Lolita

En otras palabras: Illustrated Grammatical Concepts and Communicative Activities.

ED 328 067

Carr, Richard

Conference Groups in the Writing Center: Shared Resources.

ED 328 070

Carter, Carol

Churchville, Lida Holland, Comp.

249

Majoring in the Rest of Your Life. Career Secrets for College Students.

ED 328 183//

Carter, Richard F.

Mass Communication Effects: A Weakness Theorem.

ED 327 901

Carwile, Rebecca F.

Join the Club! A New Approach to the Traditional Reading Clinic.

ED 327 819

Cavanaugh, Dan

Verbal and Nonverbal Communication in the Initiation of Sex.

ED 327 881

Cave, Martin

The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2.

ED 328 198//

Cejda, Brent

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement.

ED 327 957

Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series.

ED 327 958

Chapin, Ruth

Responding to Our Response: Student Strategies for Responding to Teacher Written Comments.

ED 328 098

Chapman, Carmen

Authentic Writing Assessment. ERIC Digest.

ED 328 606

Charner, Ivan

Demographic and Economic Changes and Postsecondary Education.

ED 328 111

Chen, Guo-Ming

Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.

ED 327 907

Cherney, Elaine E.

The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills.

ED 327 842

Chilcott, John H.

The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm.

ED 328 503

Childs, Ruth Axman

Gender Bias and Fairness. ERIC Digest.

ED 328 610

State Testing of Teachers: The 1990 Report.

ED 328 605

Chow, Stanley H. L.

Rural Initiative: Evaluation of the Rural Schools Assistance Program.

ED 328 378

Chrisler, Joan C.

Exploring Mental Illness through a Poetry Writing Assignment.

ED 327 858

Christenberry, Nola J.

Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.

ED 327 786

Churchville, Lida Holland Comp.

CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada.

ED 328 247

Churchville, Lida Holland Comp.

ALIC Acquisitions List Covering the Period October 1, 1989 to March 31, 1990. Volume 1990(1), Issue 9.

- Disaster Planning. ALIC Bibliography 1990-1. ED 328 250
ED 328 246
- Cianciolo, Patricia J.
The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29. ED 327 864
- Clagett, Craig A.
County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9. ED 328 312
- Claiborn, Charles D.
Counselor Attractiveness, Similarity, and Session Impact: A Field Study. ED 327 797
- Clark, Burton A.
Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction. ED 327 668
Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin. ED 327 805
Comparison of Self-Directed Learning Readiness of Fire Executives to the Norm and Public Managers. ED 327 667
- Claus, Richard N.
Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990. ED 328 037
- Cleveland, Elbin
The South Carolina Framework for Drama/Theater Education. ED 327 889
- Cobbs, Henry L., Jr.
An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels. ED 328 582
- Cohen, Nancy, Ed.
Highlights of the National Family Day Care Project. ED 328 346
- Coleman, Patsy
Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457. ED 328 028
- Collier, James A.
BSIT Program: A Non-Traditional Learning Opportunity. ED 328 123
- Collins, Marva
Marva Collins' Way. Second Edition. ED 328 629//
- Connolly, Walter B., Jr., Ed.
Regulating Racial Harassment on Campus: A Legal Compendium. ED 328 204
- Connor, James V.
Environmental Education in the Developing World. ED 328 439
- Conway, Paul, Comp.
Administration of Preservation Programs in Archives. A Selective Bibliography. ALIC Bibliography 1990-4. ED 328 249
- Cook, M. Kathleen, Comp.
Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress. ED 328 288
- Cook, Martha
A State-Wide Selection Model for Teacher Education—A Criterion-Related Approach. ED 328 518
- Coonrod, Debbie
Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Corwin, Rebecca B.
Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4. ED 328 450
Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449
Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451
- Cox, W. Miles
Motivational Determinants of Alcohol Use: A Theory and Its Applications. ED 327 759
- Craft, Robert D.
Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation. ED 327 688
- Craig, Barbara H.
Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviors of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing. ED 328 361
- Craig, Darlene S.
A Plan To Reduce Library Book Losses. ED 328 282
- Crawford, A. E., II
Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172
- Creech, Joseph D.
Educational Benchmarks, 1990. ED 327 924
- Cress, Cynthia J.
Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making. ED 328 005
- Croft, Cedric
Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2. ED 328 581
Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course. ED 328 579
Spelling in the Context of Current Approaches to Language. ED 327 847
- Cronin, Michael W.
Communication Techniques for Individual and Organizational Coping with Job Burnout. ED 327 896
The Nature and Treatment of Speech Fright. ED 327 897
- Cropley, Russell, Ed.
Vocational Education Safety Instruction Manual. ED 327 723
- Cunningham, Michael R.
Departmental Issues in Dual-Academic Marriages. ED 327 743
- Cureton, Charles
A State-Wide Selection Model for Teacher Education—A Criterion-Related Approach. ED 328 518
- Curry, Elizabeth, Ed.
The Role of Information in the Economy of the Southeast. ED 328 284
- Curtain, Helena
Foreign Language Learning: An Early Start. ERIC Digest. ED 328 083
- Dafeldecker, Cheryl Temple
Achieving Student Mastery Learning of Fifth Grade Minimal Standards for Computer Literacy through the Development and Use of a Computer Literacy Program. ED 328 351
- Dalton, David W., Ed.
Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990). ED 328 231
- Daniels, C. E. J.
PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717
- Danish, Steven J.
Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119
- Darling-Hammond, Linda
Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408
- Darling, David L.
Answering The "How" Question In Community Development. ED 328 386
- Davies, Gwen
Women's Kit. ED 328 103
- Davis, Brandon
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children. ED 328 035
- Davis, H. Scott, Ed.
Bibliographic Instruction in Indiana. ED 328 259
- Davis, Jo Ann
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 592
- Davis, Joe
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173
- Davis, Robert B., Ed.
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//
- Dawson, Howard A., Ed.
Adjustments in Rural Education. ED 328 373
- Deal, Nancy
Writing across the Entire Curriculum: A Status Report on Faculty Attitudes. ED 327 871
- Delattre, Edwin J.
James Madison's Practical Ideals for the 1990s. ED 328 507
- Dempsey, John V.
The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training. ED 328 561
- Dennison, Gail E.
Brain Gym. Simple Activities for Whole Brain Learning. ED 328 436//
- Dennison, Paul E.
Brain Gym. Simple Activities for Whole Brain Learning. ED 328 436//
- Desser, Karen
Audiovisual Distance Learning: A Resource Handbook. ED 328 384
- Devi, Roshni
Machine Learning and Tutoring System. Centre RIE JUN 1991

Author Index

- for Information Technology in Education Report No. 61. ED 328 217
- Di Gerlando, Rose**
Adult ESL Suggested Materials List. ED 328 104
- Dickey, Katherine Dooley**
A Guide to the Employment Section of the Americans with Disabilities Act 1990. ED 327 748
- Dickson, Tom**
How Advisers View Changes in the High School Press in the Post-Hazelwood Era. ED 327 877
- Diessner, Rhett**
The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho. ED 328 131
- Dietz, Thomas**
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems. ED 328 105
- Dincher, J.**
Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8. ED 328 301
- Dixon-Krauss, Lisbeth A.**
A Report on the Social Context Model of Adult Literacy. ED 327 809
- Doherty, Susan Sloan, Ed.**
Vocational Education Safety Instruction Manual. ED 327 723
- Doll, Elizabeth**
Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents. ED 327 790
- Donaldson, Gordon A., Jr.**
Teacher Selection and Induction. Instructional Leadership Series. ED 327 963
- Donnellan, Anne**
How To Develop an Individual Plan. Instructor's Guide. ED 327 999
- Dooley-Dickey, Katherine**
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities. ED 327 774
- Dorman, Arthur, Ed.**
Incentives Closeup: Profiles of Twenty-One Teacher Incentive Programs. Attracting Excellence: Call for Teacher Incentives Series. ED 327 927
Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series. ED 327 928
- Downey-Franchuk, Andrea J.**
Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12. ED 328 432
- Downing, Sherry**
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989. ED 328 321
Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332
Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R. ED 328 317
- Doyle, William W., Jr.**
Prescribed Exercise Behavior in the Treatment of Spouse Abuse. ED 327 766

- Duenk, Lester G.**
The Current Status of T&I Teacher Education in the United States. ED 327 647
The Role of the University in Trade and Industrial Education Credentialing. ED 327 646
- Dufresne, Derrick F.**
No Place Like Home. ED 328 025
- Dunkhase, John A., Ed.**
Innovations in College Science Teaching. ED 328 437
- Dunn, Fannie W., Ed.**
Guidance in Rural Schools. Yearbook. February 1942. ED 328 372
- Dunn, Kenneth J.**
Teaching Styles. Instructional Leadership Series. ED 327 964
- Duric, Ladislav**
Essentials of Educational Psychology. ED 328 467
- Dutcher, Peggy**
Authentic Reading Assessment. ERIC Digest. ED 328 607
- Dworkin, Sari H.**
Female, Lesbian, and Jewish: Complex and Invisible. ED 327 757
- Eanes, Robin**
An Evaluation of a College Developmental Reading Program. ED 327 839
- Earthman, Glen I.**
A Regional On-Site Administrator Preparation Program. ED 327 913
- Eberstadt, Nicholas**
U.S. Foreign Aid Policy—A Critique. Headline Series No. 293. ED 328 508
- Eckert, Jerry B.**
Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report. ED 328 377
- Edgerton, Richard T.**
Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum. ED 328 419
- Ediger, Marlow**
The Philosophical Arena and Reading. ED 327 836
- Edmonds, M. Leslie**
Family Literacy Library Programs: Models of Service. ED 328 269
- Ehrman, Ted**
Land and Freedom—Economic Studies. ED 328 497
- Einspruch, Eric**
Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990. ED 328 323
CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R. ED 328 334
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989. ED 328 321
High School Preparation as Viewed by Students in Miami-Dade Community College English Classes. ED 328 333
Profile of the Academically Underprepared Student at Miami-Dade Community College. ED 328 332
- Ekstrom, Ruth B.**
Computer-Based Assessment of Cognition: The

Ensign, Arselia S., Ed. 251

- ETS Factor Kit. ED 328 587
- Ellsberry, James**
The Indiana Principal Leadership Academy: A Model for Professional Development. ED 327 971
- Elson-Cook, Mark**
Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4. ED 328 213
Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62. ED 328 218
Dominic: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74. ED 328 212
Guided Discovery Tutoring and Bounded User Modelling. CITE Report No. 13. ED 328 215
Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10. ED 328 214
- Endo, Jean J., Ed.**
Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990). ED 328 184
- Engel, Charles E.**
Continuing Education for Change. WHO Regional Publications, European Series, No. 28. ED 327 639
- Engelbrecht, Nancy**
Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3. ED 327 702
Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6. ED 327 705
Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5. ED 327 704
Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4. ED 327 703
- Drill Presses.** ED 327 713
- Fractions and Conversion to Decimal.** Fundamentals of Occupational Mathematics. Module 7. ED 327 706
- Hydraulics.** ED 327 714
- Measurement Conversions: English and Metric Systems.** Fundamentals of Occupational Mathematics. Module 9. ED 327 708
More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10. ED 327 709
Order of Operations. Fundamentals of Occupational Mathematics. Module 12. ED 327 711
Orientation to Machine Shop. Safety, Machine Identification, Metal Identification. ED 327 712
- Pedestal Grinder.** ED 327 715
- Place Value.** Fundamentals of Occupational Mathematics. Module 1. ED 327 700
- Pneumatics.** ED 327 716
- Powers and Roots.** Fundamentals of Occupational Mathematics. Module 11. ED 327 710
- Ratios, Rates, and Proportions.** Fundamentals of Occupational Mathematics. Module 8. ED 327 707
Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2. ED 327 701
- Ensign, Arselia S., Ed.**
Sewing: Easier with Adaptations. PAM Repeater, No. 54. ED 328 017
Signaling for Help. PAM Repeater, No. 56.

- ED 328 018
- Erchul, William P.**
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus. ED 327 770
- Estes, K. R.**
Condom Availability at Four-Year State Universities in the North Central Census Region. ED 328 195
- Estrin, Elise Trumbull**
Logicity and Emotionality in Argumentation. ED 327 895
- Etheridge, Carol Plata**
Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM. ED 328 655
- Evans, Hattie**
South Carolina Guide for Child Development. ED 328 368
- Everson, Barbara**
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature. ED 327 838
- Fagerlind, Ingemar, Ed.**
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985). ED 328 559
- Fahs, Mary Ellen**
Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary. ED 328 658
- Farley, Reuben W.**
Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report to the William T. Grant Foundation. Volume One [and] Volume Two. ED 328 659
- Farley, Reuben W.**
Richmond Area Young Scholars Program. ED 328 120
- Fearley, Sue C., Ed.**
Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide. ED 327 662
- Fearley, Sue C., Ed.**
Graphic Arts: Process Camera, Stripping, and Platemaking. Teacher Guide. ED 327 663
- Fearley, Sue C., Ed.**
Graphic Arts: The Press and Finishing Processes. Teacher Guide. ED 327 661
- Feinstein, Benjamin, Ed.**
Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989). ED 328 233
- Feng, Jianhua**
Thinking and the Teaching of Thinking for Children. ED 328 345
- Fennimore, Todd F.**
The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring To Promote Learning in America's Schools, a Guidebook. ED 327 929
- Fennimore, Todd F.**
The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools, a Guidebook. ED 327 930
- Fenton, Ray**
Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers. ED 327 912
- Fetterman, David M., Ed.**
Educational Evaluation: Ethnography in Theory, Practice, and Politics. ED 328 620//
- Fischer, Debra L.**
The Development of a Program to Increase Listening Skills in First Grade Students through Storytelling. ED 327 826
- Fishbein, Lauren**
Women and Tenure: The Opportunity of a Century. ED 328 489
- Fisher, James L.**
The Board and the President. ED 328 207//
- Fisher, Patricia A.**
Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper. ED 328 273
- Fisk, Yvette Hester**
A Brief Overview of Three Classes of Methods for Detecting Item Bias. ED 328 578
- Fiske, Edward B.**
Get Organized! Fiske's Unbeatable System for Applying to College. ED 328 109//
- Fisher, Toni**
Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4. ED 328 298
- Fisher, Toni**
Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2. ED 328 296
- Fleckenstein**
Assumptions about Literacy Underlying an Employee Newsletter. ED 327 861
- Fordyce, Hugh R.**
1990 Statistical Report. ED 328 117
- Fradd, Sandra H.**
An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089
- Fradd, Sandra H.**
Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 090
- Fradd, Sandra H.**
Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 091
- Fradd, Sandra H.**
Transdisciplinary Teaming. Module 5. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 094
- Fraser, Bryna Shore**
Getting a Job in the Computer Age. ED 327 778
- Fraser, J. A. H.**
Student Reaction to Contract Grading. ED 328 196
- Frazier, Edmund R.**
Teaching Styles. Instructional Leadership Series. ED 327 964
- Fryer, Thomas W., Jr.**
Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//
- Fulford, Nancy, Ed.**
Incentives Closeup: Profiles of Twenty-One Teacher Incentive Programs. Attracting Excellence: Call for Teacher Incentives Series. ED 327 927
- Fulford, Nancy, Ed.**
Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series. ED 327 928
- Fulkerson, Dan, Ed.**
Residential and Light Commercial HVAC. Teacher Edition. ED 327 659
- Byans, Leslie J., Jr.**
School Culture, Motivation, and Achievement. Project Report. ED 327 948
- Byans, Leslie J., Jr.**
School "Culture," Motivation, and Achievement. Project Report. ED 327 949
- Byans, Leslie J., Jr.**
"School Culture," Student Ethnicity, and Motivation. Project Report. ED 327 947
- Gabriel, Roy M.**
A Consumer's Guide to Alcohol and Other Drug Surveys. ED 327 776
- Gabriel, Roy M.**
Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning. ED 327 754
- Gabriel, Roy M.**
Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide. ED 327 753
- Gale, Nancy**
Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
- Gallagher, James J.**
Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457. ED 328 028
- Gamoran, Adam**
A Study of Instruction as Discourse. ED 328 516
- Gamoran, Adam**
The Variable Effects of Tracking: Inequality and Productivity in American High Schools. ED 328 632
- Gantzer, Jack, Ed.**
Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986). ED 328 068
- Gary, Lee P., Jr.**
The Threat of a State Graduation Examination for Non-Public Schools in Louisiana. ED 328 566
- Gaventa, William C.**
Cooperative Approaches to Respite Planning and Development. ED 328 008
- Gaylord-Ross, Robert, Ed.**
Readings in Ecosocial Development. ED 327 990
- Gee, Ann D., Ed.**
Annual Giving Strategies: A Comprehensive Guide to Better Results. ED 328 150
- Geffen, Michael**
Divorce and Bar Mitzvah: A First Look. ED 327 742
- Geiger, Emily**
Independent Learning Activities in Science for Students At-Risk. ED 328 457
- Gerrity, Deborah A.**
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165
- Gibney, Marian**
The Collection, Analysis and Presentation of Enrollment and Service Area Data To Support the Strategic Planning Process at Phoenix College. Emergence of Higher Education in America. ED 328 141
- Gibney, Marian**
A Description of the Study Skills of Students Enrolled in Introduction to Psychology at Phoenix College: Societal Factors Affecting Education. ED 328 157
- Gilley, J. Wade**
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems. ED 328 105
- Gillis, Lynette**

Author Index

The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91.

ED 328 453

Gillis, M. K.
Do College Students Who Plan before Writing Score Better on Essay Exams?

ED 327 868

Gilmore, Alison
The Readability of Trade Examinations.

ED 327 726

Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.

ED 328 579

Girard, J. E.
STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind.

ED 328 293

Glass, Lynn W., Ed.
Energy Education. Focus on Excellence, Volume 3, Number 1.

ED 328 404

Glatthorn, Allan A.
Curriculum Development. Instructional Leadership Series.

ED 327 962

Go, Mae Jean
Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings.

ED 327 884

Gold, Gerard G.
Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide.

ED 327 653

Gold, Lonny
Suggestopedia: Activating the Student's Reserve Capacities.

ED 328 057

Goldstein, Harold
Getting a Job in the Computer Age.

ED 327 778

Columbia, Linda R.
A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes.

ED 328 036

Gonsiorek, John C.
Psychological and Ethical Implications of Causal Theories of Sexual Orientation.

ED 327 767

Good, Glenn E.
Gender Aware Therapy: Implications for Therapists and Male Clients.

ED 327 771

Goodman, Harriet E.
Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing.

ED 327 854

Gough, Deborah
Thinking about Thinking.

ED 327 980

Graczyk, Mary J.
How To Develop an Individual Plan. Instructor's Guide.

ED 327 999

Grannis, Joseph C.
Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary.

ED 328 658

Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report to the William T. Grant Foundation. Volume One [and] Volume Two.

ED 328 659

Gray, John
R1E JUN 1991

Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456.

ED 328 203

Greenwood, Charles R.
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report.

ED 328 054

Gregory, Kemp
More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change.

ED 328 594

Griffin, William V.
Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide.

ED 327 904

Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.

ED 327 903

Griffith, Linda K.
An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers.

ED 328 541

Griffiths, Gregory Peter
Inland Waters Night Lighting Configurations: A Navigation Rules Course for Coast Guard Auxiliaries.

ED 327 733

Groff, Warren H.
High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future."

ED 327 651

Gromada, Thaddeus V.
The New Jersey Governor's Commission on Eastern European and Captive Nation History Report.

ED 328 470

Haas, Mary E.
Teaching about Women and the Vietnam War.

ED 328 491

Haase, Patricia T.
The Origins and Rise of Associate Degree Nursing Education.

ED 328 154//

Haenn, Joseph F.
An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.

ED 328 551

Hakuta, Kenji
An Interview with Werner F. Leopold.

ED 328 056

Halberg, Franz
Cycles of Nature. An Introduction to Biological Rhythms.

ED 328 446

Hale, Catherine, Comp.
Disaster Planning. ALIC Bibliography 1990-1.

ED 328 246

Hall, Ernest
Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations.

ED 328 062

Hall, James W.
Access through Innovation: New Colleges for New Students. Continuing Higher Education Series.

ED 328 178//

Hall, Jean M. Ed.
Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

ED 328 381

Hamminck, Kees
Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5.

ED 327 671//

Haynes, W. Lance

253

Haney, Richard E.
Back to the Future of Science and Math Education.

ED 328 417

Hanford, George H.
Life with the SAT: Assessing Our Young People and Our Times.

ED 328 622//

Hannaman, David L.
Linguist Proficiency Improvement Courses.

ED 328 097

Hanson, Ralph A.
Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.

ED 327 827

Harbin, Gloria L.
Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.

ED 328 030

Hardesty, Carolyn, Ed.
Caring for Iowa's Children.

ED 328 475

Harrah, Doris, Ed.
Teaching Basic Caregiver Skills.

ED 327 672

Harris, Howard
A Guide to Public School Cooperation Committees in Pennsylvania.

ED 327 982

Hart, Therese A.
A Challenge of Numbers. People in the Mathematical Sciences.

ED 328 409

Haun, Martha Womack
Communication Competency through Faculty Development.

ED 327 909

Haupt, Arthur
The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People.

ED 328 478

Hauptman, Arthur
New Ways of Paying for College.

ED 328 182//

Hauser, Jerald A.
Classroom Discourse: Questions, Quarrels, and Interruptions.

ED 328 544

Hawes, Kathryn
Student Attitude toward Selected Instructional Strategies.

ED 327 843

Hawken, Leila
The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College.

ED 327 900

Hawkrige, David
Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100.

ED 328 482

Who Needs Computers in Schools, and Why? CITE Report No. 73.

ED 328 234

Hawthorne, Elizabeth M.
Focus on Faculty Service.

ED 328 113

Hawthorne, Jeralynne
Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction.

ED 328 201

Hawthorne, John W.
Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction.

ED 328 201

Haynes, W. Lance

- The Research Agenda and the Basic Course in Communication. ED 327 882
- Hearn, Cynthia A.
Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series. ED 328 600
- Hedges, Amie
Strategies and Policies in Employee Assistance Programs. ED 327 772
- Hehn, Darold
Introduction to Natural Resources. Teacher Edition. ED 327 656
- Heitner, Keri L.
What Do Workers Have To Say? Skills & Technological Change. ED 327 719
- Heller, Joseph R.
Teaching about AIDS/HIV Disease to College Students. ED 327 761
- Hepburn, Lawrence R.
School Dropouts: A Two-Generation Problem. Public Policy Research Series. ED 328 631
- Herrans, Laura L.
Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
- Heyneman, Stephen P., Ed.
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985). ED 328 559
- Hickey, Carol A.
The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics. ED 328 034
- Hightower, Anne
Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540
- Hildebrandt, Sharrrie
Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299
- Hillman, Stephen B.
A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes. ED 328 036
- Hitzing, Wade
Positive Learning: An Alternative to Behavior Management. Instructor's Guide. ED 328 000
- Hixson, Judson
The Meaning of Professional Development in the 21st Century. Video Conference 8. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 936
Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 937
- Hobbs, Vicki M.
Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite. ED 328 225
- Hocker, Susan
Computerized Online Bibliographic Searching. SPEC Kit #154. ED 328 252
- Hocking, Cliff
Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078
- Hoepfl, Nancy L., Ed.
Great Decisions '86. ED 328 474
- Holland, Simon
How Computers Are Used in the Teaching of Music and Speculations about How Artificial Intelligence Could Be Applied to Radically Improve the Learning of Compositional Skills. CITE Report No. 6. ED 328 480
A Knowledge-Based Tutor for Music Composition. CITE Report No. 16. ED 328 484
- Holt, Marianne
Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 306
- Hopper, Mark A.
Technical Manual: Handwriting Research Corporation. ED 327 860
- Hornstein, Stephen E.
If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools. ED 328 486
- Horsley, Donald
Many Roads To Fundamental Reform: Continuing the Journey. Video Conference 7. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 935
Many Roads to Fundamental Reform: Getting Started. Video Conference 6. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 934
- Houston, Linda S.
Collaborative Learning: A No-Lecture Method of Teaching English. ED 327 866
- Houston, Ronald L.
The Education of Minority Students in Non-Urban Schools. ED 328 634
- Howard, Catherine
Project GOLD (Garfield Options for Leadership Development). ED 328 118
- Howley, Aimee A.
Anti-Intellectualism in U.S. Schools. ED 327 970
- Howrey, Mary M.
School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report. ED 328 286
- Hu, Yuehluen
Canonical Correlation: Terms and Descriptions. ED 328 567
- Hudson, Lisa
Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408
- Hugenberg, Lawrence W., Ed.
Basic Communication Course Annual. Volume 2. ED 327 906
Basic Course Communication Annual. Volume 1. ED 327 905
- Hull, Kathleen V.
Special Problems of the Elderly. ED 327 758
- Humes, Barbara
Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. ED 328 277
- Hungerford, Harold R.
An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education. ED 328 440
- Hunnicut, David
Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173
- Husen, Peter M.
An Innovative Principal Preparation Program: A Structural Approach. ED 327 974
- Hustoles, Thomas P., Ed.
Regulating Racial Harassment on Campus: A Legal Compendium. ED 328 204
- Ibsen, David J. S.
A Model for Implementing Cooperative Information Systems in Chinese Academic Institutions. ED 328 199
- Imrie, B. W.
Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1. ED 328 235
- Inchaurre, Carlos
Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications. ED 328 079
- Irwin, Martha
Using Computers in Reading Instruction. ED 327 810
- Ishiwata, Makoto
Toru Matsumoto's "Think in English" Approach. ED 328 080
- Jackson, Monica L.
The African American Woman. Runta (Truth). ED 328 638
- Jacobson, Jodi L.
The Global Politics of Abortion. Worldwatch Paper 97. ED 328 509
- Jaeger, Richard M.
A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination. ED 328 558
- Jagues, Thomas F.
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995. ED 328 261
- Jena, P.
Promoting Fun in Physics. ED 328 122
- Jennings, Clara M.
A Report on the Social Context Model of Adult Literacy. ED 327 809
- Jensen, Jan
Getting the Facts As Soon As Possible Through Fax. ED 328 272
- Johansen, Barry-Craig P.
Enhancing Teacher Performance in Spanish Elementary Classes. Volume One: Final Report. ED 328 058
Enhancing Teacher Performance in Spanish Elementary Classes. Volume Two: Translated Units. Final Report. ED 328 059
- John, Martha Tyler
Providing Skills and Competencies for Beginning Teachers. ED 328 535
- Johnson-Dorn, Nancy
Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps. RIE JUN 1991

Author Index

- ED 328 002
- Johnson, Debra Wilcox**
Family Literacy Library Programs: Models of Service.
ED 328 269
- Johnson, Donna M.**
A Model Information Workshop for Prospective TK Parents.
ED 328 353
- Johnson, Frank H.**
Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report.
ED 328 617
- Johnson, Jeffery M.**
Stony the Road They Trod: The African American Male. Runta (Truth).
ED 328 637
- Jones, Barbara**
Writing: Parents and Children at Work.
ED 327 846
- Jones, Beau Fly**
The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring To Promote Learning in America's Schools, a Guidebook.
ED 327 929
- Jones, Beau Fly, Ed.**
Managing Instruction for Equity and Excellence: Effective Alternatives to Tracking. Teleconference Resource Guide.
ED 327 956
- Jones, Craig H.**
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.
ED 327 786
- Jones, Elizabeth A.**
General Learning at a Women's College.
ED 328 116
- Jones, Sarah E.**
Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas.
ED 328 657
Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.
ED 328 656
- Juravich, Tom**
A Guide to Public School Cooperation Committees in Pennsylvania.
ED 327 982
- Kagan, Sharon L.**
Collaborations in Action: Reshaping Services for Young Children and Their Families.
ED 328 363
- Kalivoda, Karen S.**
Students with Disabilities: A Guide for Faculty and Staff.
ED 328 107
- Kane, Thomas T.**
The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition.
ED 328 478
- Kantor, Jane M.**
An Evaluation of the Effects of Parental Divorce on College Students.
ED 327 908
- Kaplan, Earl**
Divorce and Bar Mitzvah: A First Look.
ED 327 742
- Kassab, Cathy**
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities.
ED 328 390
- Katz, Albert N.**
Context Effects in Comprehending Familiar and Unfamiliar Proverbs.
ED 327 876

- Katz, Suzanne**
Stack Maintenance Student Aide Training Manual and Handbook. Revised.
ED 328 287
- Kauffman, Thomas B.**
Chapter 1 Migrant Education Program: Final Report.
ED 328 640
- Kaufman, Phillip**
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
ED 328 618
- Kaye, Anthony R.**
Computer Conferencing and Mass Distance Education. CITE Report No. 98.
ED 328 221
- Keiter, John J.**
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.
ED 328 031
- Keller, Thomas E.**
Maine School Science Safety Guidelines.
ED 328 435
- Kelly, Arlene Blumenthal**
Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired.
ED 328 046
- Kelly, Gail P., Ed.**
Women's Higher Education in Comparative Perspective.
ED 328 161//
- Kelly, Mavis E.**
A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10.
ED 328 238
- Kern, Joanne F.**
Using "Reader's Guide to Periodical Literature" on CD-Rom To Teach Database Searching to High School Students.
ED 328 291
- Keyes, Carol R.**
Campus Child Care: Diverse and Changing.
ED 328 344
Campus Children's Centers: Two Decades of Ferment.
ED 328 343
- Kieras, David E.**
The Computerized Comprehensibility System. Maintainer's Guide. Technical Report No. 33.
ED 328 222
- Kimball, Roger**
Tenured Radicals: How Politics Has Corrupted Our Higher Education.
ED 328 110//
- Kinney, James H.**
A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed At Improving Existing Programs in This School Division.
ED 328 447
- Kiritz, Norton J.**
Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series.
ED 327 966//
- Kirschner, Alan H.**
1990 Statistical Report.
ED 328 117
- Kirshstein, Rita J.**
The Escalating Costs of Higher Education.
ED 328 114
Trends in Institutional Costs.
ED 328 115
- Kiser, Stephen D.**

Kragler, Sherry

255

- Student Leadership in Forensic Programs.
ED 327 902
- Kissen, Rita M.**
My Cousin the Arab.
ED 327 848
- Kitao, Kenji**
Independent Reading in English-Use of Graded Readers in the Library English as a Second Language Corner-
ED 328 074
A Study of Japanese and American Perceptions of Politeness in Requests.
ED 328 073
- Kleiman, Angela B.**
Children's Failure To Read: Learner Deficit or Task Artifact?
ED 327 813
- Klentschy, Michael**
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District.
ED 328 290
- Kluwin, Thomas N.**
Consumer Motivated Research to Development: The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired.
ED 328 045
The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals.
ED 328 047
Effective Teaching of Hearing Impaired Students in Different Environments.
ED 328 049
Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired.
ED 328 046
The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children.
ED 328 048
- Knight, Janie S.**
Student Attitude toward Selected Instructional Strategies.
ED 327 843
- Knight, William E.**
Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients.
ED 328 327
Regional Campuses New Freshmen Survey.
ED 328 329
Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.
ED 328 328
- Knox, Donald**
Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report.
ED 328 554
- Kolderie, Ted**
Beyond Choice to New Public Schools: Withdrawing the Exclusive Franchise in Public Education. Policy Report No. 8.
ED 327 914
- Konnert, M. William**
The Superintendency in the Nineties: What Superintendents and Board Members Need To Know.
ED 327 922//
- Koretz, Daniel**
Trends in the Postsecondary Enrollment of Minorities.
ED 328 112
- Koubek, Richard J.**
The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance.
ED 328 593
- Kragler, Sherry**
Dynamic versus Static Assessment: A Comparison of the Effects of Each on the Reading Place-

- ment Levels of Chapter 1 Students.
ED 327 808
- Krajcik, Joseph, Ed.**
Chemistry. Focus on Excellence, Volume 3, Number 2.
ED 328 405
- Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2.
ED 328 403
- Kraus, Stephen J.**
Attitudes and the Prediction of Behavior: A Meta-analysis.
ED 327 751
- Kremen, Phyllis G.**
Transfer to Success.
ED 327 837
- Kristie S.**
Assumptions about Literacy Underlying an Employee Newsletter.
ED 327 861
- Krug, Samuel E.**
Current Issues and Research Findings in the Study of School Leadership. Project Report.
ED 327 946
- An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form.
ED 327 911
- Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report.
ED 327 950
- Kuhlthau, Carol C.**
Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project.
ED 328 268
- Kulieke, Marilyn**
Multidimensional Assessment: Strategies for Schools. Video Conference 4. Restructuring To Promote Learning in America's Schools, A Guidebook.
ED 327 932
- Kulkarni, Madhuri**
A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay.
ED 327 986
- Kumsa, Gabeyehu**
The Role of Information System for Education Planning and Management.
ED 328 285
- Kunesh, Linda**
Early Childhood Education for At-Risk Children: A National Perspective.
ED 328 367
- Kurshan, Barbara, Ed.**
Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989).
ED 328 233
- Kyung-Won, Jeon**
Counseling and Guidance for Gifted Under-achievers.
ED 328 051
- Gifted Learning Disabled and Gifted Under-achievers: Similarities and Differences.
ED 328 050
- LaFleur, Elizabeth K.**
Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data.
ED 328 591
- Lai, T. H.**
The Economic Impact of Liberty University on the Lynchburg Area.
ED 328 158
- Lamprecht, Sandra J.**
Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad.
ED 328 265
- Landers, Cassie**
Early Child Development. Innocenti Global Sem-

- inar (Florence, Italy, June 12-30, 1989). Summary Report.
ED 328 337
- Landis, Raymond B.**
An Academic Career: It Could Be for You.
ED 328 425//
- Langer, Rena Ruth Swango**
Spiritual Centeredness as a Tool for Positive Mental Health.
ED 327 789
- Lankard, Bettina**
Case Management of Adolescents with Chronic Disease.
ED 327 721
- Larner, Mary**
Inside the Black Box: Understanding Home Visiting Programs.
ED 328 336
- Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs.
ED 327 763
- LaRosa, Barbara V.**
College Learning Strategies: A Retention Model for At-Risk Students.
ED 327 825
- Last, Ellen**
Classroom Drama and Theatre: A Guide to Curriculum Planning.
ED 328 513
- Laughrey, Michael C.**
The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students.
ED 328 647
- Laurillard, Diana**
The Different Forms of Learning in Psychology and Education. CITE Report No. 24.
ED 328 481
- Lawson, Ralph**
The South Carolina Framework for Drama/Theater Education.
ED 327 889
- Layton, Jean**
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.
ED 328 032
- Lee, Ronald R.**
The Development and Implementation of a Program To Promote Secondary Level Science Research Education.
ED 328 401
- Leep, Albert**
Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report.
ED 328 554
- Leigh, Cindy**
Primary Guide for Instructional Planning.
ED 328 366
- Levine, Daniel U.**
Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools.
ED 327 830
- Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.
ED 327 829
- Lewe, Glenda**
The Need for Workplace Literacy Partnerships.
ED 327 643
- Lewinsohn, Peter M.**
The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents.
ED 327 800
- Lewis, Bernice Branford**
Reading Made Easy: A Handbook.
ED 327 824
- Li, Tze-chung**
Information Retrieval in Multimedia Sources in an Electronic Age.
ED 328 275
- Licari, Rosanne**

- The Effects of Directed Writing Activities on Reading Comprehension Performance.
ED 327 828
- Lieb, James Philip**
"Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development.
ED 328 519
- Ligon, Glynn**
Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 576
- Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).
ED 328 577
- Linder, Frederic**
The Relationship of Cognitive Style to Academic Performance among Dental Students.
ED 328 205
- Linek, Wayne M.**
Urban Second Graders' Attitudes toward Reading.
ED 327 841
- Linn, Pamela**
Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s.
ED 327 690
- Lippert, Toni**
The Case Management Team: Building Community Connections.
ED 327 993
- Littleton, Taylor D.**
Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform.
ED 328 156//
- Livingstone, Ian D.**
The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13.
ED 328 463
- Lockheed, Marlaire E.**
A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.
ED 328 560
- Logue, Brenda J.**
A Captive Audience: Debating in a Maximum Security Prison.
ED 327 883
- Lomotey, Kofi, Ed.**
The Racial Crisis in American Higher Education.
ED 328 135//
- Longford, Nicholas T.**
A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.
ED 328 560
- Lopez, Thomas R.**
Some African American and Hispanic Voices from the University of Toledo. A Monograph.
ED 328 153
- Lott, Johnny W., Ed.**
Student Math Notes, January-November 1990.
ED 328 426
- Lovas, John C.**
Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition.
ED 328 294//
- Loxley, Bill**
The International Association for the Evaluation of Educational Achievement. ERIC Digest.
ED 328 604
- Lucas, John A.**
Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.
ED 328 297

Author Index

- Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7. ED 328 310
- Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1. ED 328 305
- Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7. ED 328 300
- Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304
- Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 306
- Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5. ED 328 299
- Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3. ED 328 307
- Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4. ED 328 308
- Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5. ED 328 309
- UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10. ED 328 303
- Macaskill, Sandra, Ed.**
Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace. ED 327 689
- MacIsaac, Douglas**
Teacher Induction Partnerships Program. ED 328 124
- Macklem, Gayle L.**
Measuring Aptitude. ERIC Digest. ED 328 608
- Madison, Bernard L.**
A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409
- Maehr, Martin L.**
The "Psychological Environment" of the School: A Focus for School Leadership. Project Report. ED 327 954
- School Culture, Motivation, and Achievement. Project Report. ED 327 948
- School "Culture," Motivation, and Achievement. Project Report. ED 327 949
- "School Culture," Student Ethnicity, and Motivation. Project Report. ED 327 947
- Teachers Commitment and Job Satisfaction. Project Report. ED 327 951
- Mager, Gerald M.**
A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988. ED 328 528
- Marmaridou, A. Sophia S.**
Cognitive Structures in BBC Financial Reports. ED 328 084
- Marquez, Ely J.**
Integrated Cultural and Communicative Skills for Beginners in English-As-A-Second-Language (ICCS) English. ED 328 101
- Marra, James L.**
Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time. ED 327 880
- Marsh, Herbert W.**
The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept. ED 328 562
- Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.

- ED 328 563
- Martch, Theodore**
Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation. ED 327 688
- Martin, James A.**
Quality Circle/Site-Based Management Implementation in Public School Districts. ED 327 984
- Martin, Oneida L.**
An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program. ED 328 542
- Martinez-Pons, Manuel**
Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S. ED 328 646
- Test of a Three-Factor Model of Teacher Commitment. ED 328 546
- Masalski, William J.**
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom. ED 328 427//
- Mason, Christine Y.**
Consumer Choice and Satisfaction. NARF Technical Assistance Series. ED 328 019
- Effective Management of Supported Employment. NARF Technical Assistance Series. ED 328 020
- The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series. ED 328 021
- Mason, Gail E.**
Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators. ED 327 887
- May, Wanda T.**
Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22. ED 328 512
- "Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23. ED 328 511
- Maya, Elias**
Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 091
- McArthur, David**
Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407
- McCarthy, Kevin**
Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note. ED 328 625
- McCaslin, N. L.**
A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344. ED 327 738
- McClain, John W.**
The Recruitment and Retention of Minority Trainers in University Affiliated Programs-African-Americans. ED 328 033
- McCurdy, Jack, Ed.**
Testing. ED 328 613
- McDonald, Geraldine**
Coming and Going: Forty Years of the Fulbright Programme in New Zealand. ED 328 149
- More Teachers, Fewer Pupils: A Study of the 1:20 Teacher-Pupil Ratio Policy in the Junior School. ED 327 967
- McFadden, Charles P.**
Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of

Meltesen, Cal

257

- New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4. ED 328 462
- The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459
- Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3. ED 328 461
- Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2. ED 328 460
- McGee, Mildred L.**
Quality Circle/Site-Based Management Implementation in Public School Districts. ED 327 984
- McKeen, Robert E.**
Cost Saving Techniques: What Works for Long Island School Districts. ED 327 938
- McKeown, Edward N.**
Introducing New Technology: Chasing a Dream. ED 328 208
- McKinnon, Norma M.**
The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development. ED 328 295
- McMinn, William G.**
Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida. ED 328 168
- McPherson, Andrew**
Highers and Higher Education. ED 328 186
- McVey, Eileen**
Aqua-Topics. Aquaculture for Youth and Youth Educators. ED 328 434
- McVey, Marianna**
Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A. ED 328 077
- Meadows, Darrell**
The Vietnam War: A Four Week Instructional Unit. Grades 11-12. ED 328 492
- Meder, Marylouise D.**
The Training of Teacher-Librarians-Paving the Way. ED 328 289
- Meier, Scott T.**
Construct Validity of an Instrument To Measure Computer Aversion. ED 328 569
- Meinhard-Pellens, Richard, Ed.**
Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402
- Meltesen, Cal**
Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7. ED 328 300
- Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304
- Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8. ED 328 301
- Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9. ED 328 302
- Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3. ED 328 307

- Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4. ED 328 308
- Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5. ED 328 309
- Merz, William R., Sr.**
Neuropsychological Assessment in Schools. ERIC Digest. ED 328 609
- Mesa-Bains, Amalia, Ed.**
Teaching Diverse Students: Cases and Commentaries. ED 328 552
- Middley, Carol**
A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
- Miller, Janet A.**
Theoretical Orientation of British Infant School Teachers. ED 327 823
- Miller, John P.**
Holistic Learning: A Teacher's Guide to Integrated Studies. ED 328 529//
- Miller, Richard E.**
Dangerous Liaisons: When Film and Literature Meet. ED 327 863
- Miller, Richard I.**
Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9. ED 328 197//
- Milstein, Mike**
Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach. ED 328 396
- Milton, Toby H.**
A Review of Literature on Higher Education Institutional Planning. ED 328 189
- Mitchell, Douglas**
Principal Leadership: A Theoretical Framework for Research. Project Report. ED 327 952
- Mitchell, Stephanie**
Portland Peers Project. Interim Evaluation Report, 1989-90. ED 327 769
- Spanish Partial Immersion Program. 1989-90 Evaluation Report. ED 328 100
- Molla, Bekele**
White Student Attitudes about African American Students in a University Setting. Research Report #9-90. ED 328 164
- Moore, Dale**
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894
- Morgan, Frank**
State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report. ED 328 565
- Morris, Cathy**
Analysis of Enrollment Growth, 1985 to 1989. ED 328 320
- What Factors Predict Differences in CLAST Performance among Community Colleges? Research Report No. 90-12R. ED 328 319
- Morrow-Kleindl, Natalie**
A Self-Esteem Group for High School Dropouts: A Facilitator's Manual. ED 327 784
- Mortenson, Thomas G.**
Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1. ED 328 133
- Mount, Beth**
It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates. ED 327 997
- Moxley, Roy A.**
Self-Recording and Discussion in Young Children's Formative Self-Evaluation of Their Writing. ED 328 347
- Moy, Patricia J.**
Library Media Center Design Considerations for Physically Disabled Students. ED 328 279
- Muller, Brigitte D.**
Business French: Cultural Content and Implications. ED 328 075
- Mullis, Ina V. S.**
The National Assessment of Educational Progress (NAEP). ERIC Digest. ED 328 603
- Muroi, Linda**
Library Research Guide for International Students. 2nd Edition. ED 328 280
- Murphy, Dennis T.**
Cost Saving Techniques: What Works for Long Island School Districts. ED 327 938
- Murphy, John D.**
Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students. ED 327 666
- Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education. ED 327 665
- Murphy, Karen L.**
The Integration of Teleconferencing in Distance Teaching. ED 328 227
- Murray, Steve**
Exploring Technology Education. Second Edition. Teacher Guide. ED 327 655
- Naidoo, R. M.**
Special Education in South Africa-Who Plays God? ED 328 052
- Narang, Harbans L.**
Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills. ED 328 515
- Helping Students Become Independent Readers. ED 327 812
- Neal, Kathy S.**
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature. ED 327 838
- Neer, Michael R.**
Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum. ED 327 910
- Neff, Evaline B.**
Library Programs. Library Programs for the Handicapped. Fiscal Year 1987. ED 328 278
- Neibacher, Susan L.**
Homeless People and Health Care: An Unrelenting Challenge. ED 328 648
- Nerison, Rebecca M.**
Counselor Attractiveness, Similarity, and Session Impact: A Field Study. ED 327 797
- Nevins, Randi J.**
The Gift of Oration for the Gifted and Talented-Teaching Oral Communication to High School Students. ED 327 892
- Newcomb, Thomas L.**
Poetry Experiences with Young Children. Revised Edition. ED 328 349
- Newport, Bob**
Introduction to Natural Resources. Teacher Edition. ED 327 656
- Nickse, Ruth S.**
Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- Ninke, Diane**
Focus on Faculty Service. ED 328 113
- Noguchi, Rei R.**
Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
- Normann, R. M.**
Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7. ED 328 310
- Nuttall, Paul**
Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV. ED 327 794
- Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III. ED 327 793
- Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II. ED 327 792
- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 791
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 795
- Nuwer, Hank**
Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- Nystrand, Martin**
A Study of Instruction as Discourse. ED 328 516
- O'Brien, Thomas V.**
Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study. ED 328 548
- O'Connor, Daniel F.**
Teaching Assessment Workshop Project 30. ED 328 522
- O'Connor, Patrick J.**
The Concerns of the Marketing Education Profession. ED 327 678
- The Integration of Marketing in Post-Secondary Vocational Education. ED 327 679
- The Status of Marketing in Secondary Vocational Education. ED 327 677
- O'Leary, Neil**
Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers. ED 327 912
- O'Malley, Claire**
Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85. ED 328 220
- O'Reilly, Fran E.**
A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families. ED 328 029
- O'Rourke, Carolyn L.**

Author Index

- Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978
- Oakley, Robert L.**
Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution. ED 328 263
- Olsen, Dwayne G.**
The Quality of Education Graduates Compared to Graduates Not Completing Certification. ED 328 545
- Olsen, Scott A.**
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores. ED 328 145
- Olson, Mary W.**
Do College Students Who Plan before Writing Score Better on Essay Exams? ED 327 868
- Omori, Miya C.**
Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- Ostman, Ronald E.**
Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48. ED 327 722
- Otis-Wilborn, Amy**
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Retention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Interns-Third Year. ED 328 523
- Owens, Thomas R.**
Issues Surrounding Entry-Level Workers. A Policy Report. ED 327 728
- Packard, Richard D.**
Building In Accountability Mechanisms for Democracies & Bureaucracies: From Governmental & Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry Moe and Dr. John Chubb. ED 327 972
- Page, Marilyn**
Microphones and Educational Media. ED 328 209
- Panckhurst, Fay**
Dropout in Technician Engineering Courses. An Exploratory Study of Dropout from New Zealand Certificate in Engineering Courses. ED 327 725
- Papalewis, Rosemary**
Interpretation of Student Data: Contextual Variables and Cultural Implications. ED 328 166
- Women and Their Stories: Nine Case Studies in Educational Administration. ED 327 978
- Papalia, Julie**
The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children. ED 328 048
- Pappas, John G.**
Career Guidance Strategies for Student Affairs Professionals. ED 327 749
- Parker, Karen L.**
Join the Club! A New Approach to the Traditional Reading Clinic. ED 327 819
- Parkin, Michael**
Middle Immersion Study 1988. Research Paper 88-08. ED 328 076
- Patterson, Carol**
Analysis of Enrollment Growth, 1985 to 1989. ED 328 320

- Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee? ED 328 324
- Paulston, Roland G.**
Education in Latin America-Comparative. ED 328 504
- Pawl, Jerree, Ed.**
[Adoption]. ED 328 014
- [Infants and Toddlers]. ED 328 011
- [Infants in Day Care]. ED 328 012
- [Supporting Culturally Diverse Families with Infants and Toddlers]. ED 328 013
- [Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 010
- Penick, John E., Ed.**
Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405
- Earth Science. Focus on Excellence, Volume 3, Number 3. ED 328 406
- Innovations in College Science Teaching. ED 328 437
- Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402
- Penick, John, Ed.**
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403
- Pennock-Roman, Maria**
Test Validity and Language Background: A Study of Hispanic American Students at Six Universities. ED 328 623//
- Perez-Selles, Maria E., Ed.**
Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture. ED 328 636
- Person, Roland C.**
What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing. ED 328 245
- Peter Adler**
Backboards & Blackboards: CoCollege Athletes and Role Engagement. ED 328 181//
- Peters, Cheryl**
Applause, Applause: Evaluating Creative Responses and Projects. ED 327 875
- Peters, Donald L.**
Critical Policy and Research Issues for Early Childhood and Elementary Education. ED 328 341
- Peters, Richard**
Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP). ED 328 487
- Social Studies Education: An Interpretive History of Discovery, Change, Innovation, and Trends. Humans & Environment Learning Program (HELP). ED 328 488
- Peterson, George A.**
Good Education and Good Entertainment. ED 328 223
- Schools and National Telecommunications Policy. ED 328 224
- Petry, John R.**
Teacher Burnout in Diverse Elementary School Environments. ED 328 539
- Pettit, Lawrence K.**
Ethics in the University. ED 328 169

Polulech, Joan Burgess

259

- Phillips, June K.**
Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest. ED 328 082
- Phillips, Laura A.**
"Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach. ED 327 840
- Phillips, Phillip D.**
Economic Development for Small Communities and Rural Areas. ED 327 687
- Piche, Dianne M.**
A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor. U.S. House of Representatives. One Hundred First Congress, Second Session. ED 328 654
- Pickard, Patricia White**
The Instructional Consultant Role of the School Library Media Specialist: A Research Study. ED 328 276
- Pinard, Minola A.**
Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173. ED 328 065
- Pitman, Mary Anne, Ed.**
Educational Evaluation: Ethnography in Theory, Practice, and Politics. ED 328 620//
- Pittelman, Susan D.**
Semantic Feature Analysis: Classroom Applications. Reading Aids Series. ED 327 820
- Plato, Kathleen C.**
Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance. ED 328 575
- Podany, Zita**
Ideas for Integrating the Microcomputer with High School Science. ED 328 443
- New and Promising: Software Worth a Look. A MicroSIFT Survey of Educational Software Preview Center Coordinators. Volume II, No. 2. ED 328 229
- Software for Middle School Physical Science. ED 328 444
- Podmore, Valerie N.**
Junior School Class Size: Where Are We Now? Item 8. Set Number One. ED 328 362
- Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing. ED 328 361
- Podolsky, Arthur**
Academic Libraries: 1988. E.D. TABS. ED 328 255
- Polishook, Irwin H., Ed.**
Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990). ED 328 645
- Pollock, John S.**
Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report. ED 327 821
- Polulech, Joan Burgess**
Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV. ED 327 794
- Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III. ED 327 793
- Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II.

- Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I. ED 327 792
- Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V. ED 327 791
- Poole, Gary
Producing Musical Theater for High School. ED 327 890
- Popa, Opritsa D.
Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad. ED 328 265
- Poppish, Susan
Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study. ED 328 397
- Pough, Carmen
South Carolina Guide for Child Development. ED 328 368
- Prawat, Richard S.
Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29. ED 327 864
- Prudeaux, Gary D.
Discourse and Processing Constraints on the Production of Controlled Narratives. ED 328 088
- Prosser, Barbara
Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588
- Pugh, Richard C.
Canonical Correlation: Terms and Descriptions. ED 328 567
- Qian, Gaoyin
Review of the Interactive Model: Reconsideration of Reading and Writing Relationship. ED 327 831
- Ramey, Pamela
Voices and Preppies. The Winner in Written Communication Skills Is... ED 327 644
- Ramirez, David
Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
- Rasinski, Timothy V.
Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 327 822
- Predicting Reading Rates That Correspond to Independent, Instructional, and Frustration Reading Levels for Third and Fifth Grade Students. ED 327 844
- Ratcliff, James L.
General Learning at a Women's College. ED 328 116
- Rathje, Linda
AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0. ED 328 243
- Ravitch, Diane
The Changing History-Social Science Curriculum: A Booklet for Parents. ED 328 468
- Raychowdhury, P. N.
Richmond Area Young Scholars Program. ED 328 120
- Read, John
The Validity of Writing Test Tasks. ED 328 072
- Reade, Eugene W.
Word History: A Guide to Understanding the English Language. ED 327 856
- Reed, Patricia
Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher

- Education, and State Education Agencies. Instructional Leadership and School Improvement. ED 327 957
- Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series. ED 327 958
- Remizoff, M.
A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report. ED 328 015
- Renwick, Margery
Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50. ED 328 360
- Rhedding-Jones, Jeanette
Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
- Rikli, Roberta E., Ed.
Softball for Boys and Girls. Skills Test Manual. ED 328 525
- Roberts, Brian
Teacher Education as Identity Construction. Music: A Case Study. ED 328 531
- Roberts, W.
Reflections on International Bibliographic Standards. ED 328 283
- Robertson-Smith, Mary
Articulation Models for Vocational Education. Information Series No. 343. ED 327 737
- Robertson, Chris
Participation in Post-Compulsory Schooling in Scotland. ED 328 185
- Robertson, Elton
Pennsylvania In-Service Technology Education: Past, Present and Future. A Status Report of the Regional Computer Resource Center at Temple University. ED 328 230
- Robinson, Chris
Producing Musical Theater for High School. ED 327 890
- Robinson, Patricia W.
A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications. ED 328 452
- Robinson, Sharon E.
Technical Manual: Handwriting Research Corporation. ED 327 860
- Robinson, Susan Smith
Developmental Spelling and Other Language Predictors of Reading Achievement. ED 327 815
- Rodriguez-Maimon, Maria Jose
Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications. ED 328 079
- Rodriguez, Joseph
Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
- Rodriguez, Yvonne
Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128
- Rohwedder, W. J., Ed.
Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441

- Rolle, Sandra
Raising the Level of Self-Concept. Attitudes, and Academic Achievement of Black Male Students, Ages 8-12, through Art and Cultural Heritage Materials. ED 328 364
- Ronsacher, Karl
Required Academic Proficiency (RAP) Program: Final Report. ED 328 641
- Rosado, Robert J.
Reducing the Suspension Rate among the Disaffected Elementary School Population. ED 328 365
- Rosborough, E. Marie
What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.? ED 328 398
- Rosenberg, Louise C.
College Learning Strategies: A Retention Model for At-Risk Students. ED 327 825
- Ross-Thomson, Betty
A Guide to Curriculum Planning in Arts for EEN [Exceptional Educational Needs] Students. Bulletin No. 0410. ED 328 038
- Rowell, R. Kevin
Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis. ED 328 589
- Rowland, Della
Martin Luther King, Jr.: The Dream of Peaceful Revolution. ED 328 661//
- Rowzie, Gay
Continuing Student Survey Results, Fall 1990. ED 328 326
- Rubenstein, Stan
Land and Freedom-Economic Studies. ED 328 497
- Land and Freedom-Issues in World History. ED 328 496
- Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction]. ED 328 495
- Rudner, Lawrence M.
State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
- Russell, Susan Jo
Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4. ED 328 450
- Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449
- Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451
- Safty, Adel
Insights from the French Immersion Experience in Canada. ED 328 061
- Sanpiboon, Choomjai
Orientation Program on Work Authorization for F-1 Thai Students at NYIT. ED 328 191
- Sapp, Marty
Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students. ED 328 163
- Sarinsky, Gary B.
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level. ED 328 414
- Satcher, Jamie F.
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities. RIE JUN 1991

Author Index

- A Guide to the Employment Section of the Americans with Disabilities Act 1990. ED 327 774
- Saxe, Richard
Curriculum Management in 29 School Districts in Northwest Ohio. ED 327 748
- Schabel, H. G.
International Resource Management. ED 327 923
- Schaefer, William D.
Education without Compromise: From Chaos to Coherence in Higher Education. ED 328 127
- Schapiro, Morton Owen
Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt"? ED 328 106//
- Schenk, Susan, Ed.
Teaching Basic Caregiver Skills. ED 328 140
- Schills, Erik
Modelling and Assessing Foreign Language Loss. ED 327 672
- Schmidt, Frank A.
Planning for Quality: Perils and Possibilities. ED 328 071
- A Review of Literature on Higher Education Institutional Planning. ED 328 188
- Schnell, Jim
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters. ED 328 189
- Schroeder, David H.
Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6. ED 328 502
- Schukenberg, L. J.
R.I.P.: Registration Involving Parents. ED 328 391
- Scott, Christy
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
- Scott, Susan Smith
In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus. ED 327 770
- Sedlacek, William E.
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90. ED 328 165
- Senander, Kristin L.
An Evaluation of the Effects of Parental Divorce on College Students. ED 327 908
- Serafin, Ana Gil
Course Syllabi and Their Effects on Students' Final Grade Performance. ED 328 202
- Sexton, Patrick A.
Development of a Teacher-Parent Communication Program To Achieve Higher Academic Performance for Failing Tenth Grade Students. ED 327 760
- Shaffer, Richard A.
Employer Needs Assessment. ED 328 325
- General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 315
- Sharma, Mahesh C., Ed.
NCTM Student Math Notes, January-December, 1990. ED 328 413

- Sharma, Pramod C.
Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12. ED 328 239
- Shaugnessy, Michael F.
Human Interactions in Education: The Museum as an Experiential Learning Center. ED 328 493
- Shaver, Judy C.
Literacy: The Impact of Technology on Early Reading. ED 327 832
- Shealy, Robin
An Item Response Theory Model for Test Bias. ED 328 584
- Sheets, Virgil L.
Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study. ED 328 619
- Sheridan, Daniel
Writing about Literature: The Paper of Many Parts. ED 327 872
- Sherk, John K.
Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. ED 327 830
- Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary. ED 327 829
- Shulman, Judith H., Ed.
Teaching Diverse Students: Cases and Commentaries. ED 328 552
- Siddens, Paul J., III
An Outline of Rehearsal Procedures for Solo Performances in the Beginning Interpretation Classroom. ED 327 885
- Siegel, Donna Farrell
Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors. ED 327 827
- Silverman, Wade
Reflections on Psychotherapy and Aerobic Exercise. ED 327 762
- Singer, Ronald S.
The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students. ED 328 573
- Sireci, Stephen G.
Applying Empirical Analyses to the Evaluation of Test Content. ED 328 621
- Sisk, Ensley J.
Answering the "How" Question in Community Development. ED 328 386
- Slaughter, Sheila, Ed.
Women's Higher Education in Comparative Perspective. ED 328 161//
- Small, Sue E.
Decision-making and Professional Development. A Focus on the Individual. ED 328 534
- Smey-Richman, Barbara
Teacher Expectations and Low-Achieving Students. ED 328 627
- Smith, Carl B.
Word History: A Guide to Understanding the English Language. ED 327 856
- Smith, Douglas K.
Shared Ability Analysis across Tests: A Cautionary Note.

Stanley, Julia 261

- ED 328 571
- Smith, Elsie
Minority High School Student Research Apprenticeship Program. ED 328 121
- Smith, Francie
From Dysfunctional Families to Dysfunctional Schools: A Systems Paradigm. ED 327 785
- Smith, Gregory C.
How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings. ED 327 787
- Smith, Julia
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
- Smith, Ralph R.
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894
- Smith, Valerie F.
Teaching the Science in Science Fiction. ED 328 456
- Smoot, Joseph G.
Development Achievements for Fiscal 1990. ED 328 142
- Solis, Delia
The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics. ED 328 034
- Sorenson, Sharon
Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
- Sparapani, Ervin F.
Middle Grades Teacher Preparation: A Future Focus. ED 328 547
- Spears, Jacqueline D.
Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392
- Speich, Don
Testing. ED 328 613
- Speltz, Carol A.
Human Interactions in Education: The Museum as an Experiential Learning Center. ED 328 493
- Spencer, Mary L.
Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report. ED 328 064
- Spensley, Fiona
Dominie: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74. ED 328 212
- Splete, Howard
Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345. ED 327 739
- Sprung, Barbara
Playtime Is Science: Implementing a Parent/Child Activity Program. ED 328 342
- Stack, Robert
Technological Adaptations To Increase Independence. Instructor's Guide. ED 327 998
- Stanford, J. D.
Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1. ED 328 235
- Stanley, Julia

Doing Democracy: Case Study at Cato Park.
ED 328 473

Stanley, Linda
Action and Reaction: Writing and Reading in the
Technologies and Other Vocational Curricula. A
Project To Increase Learning through a Four-
Campus Consortium. Second Edition.
ED 328 292

Starratt, Joseph A.
What Did We Say; How Did We Say It; and Who
Said It? A Review of a Decade of General Aca-
demic Library Publishing.
ED 328 245

Stauffer, Michael J.
Clearing the Air: A Collaborative Approach to
Smoke-Free Schools.
ED 328 537

Steinbrecher, Phyllis
Get Organized! Fiske's Unbeatable System for
Applying to College.
ED 328 109//

Stenstrom, Patricia F.
Onsite Access to Library Collections by Visiting
Scholars.
ED 328 253

Stephenson, David
Residential and Light Commercial HVAC.
Teacher Edition.
ED 327 659

Stern, Kenneth S.
Bigotry on Campus: A Planned Response.
ED 328 108

Sternad, Jeanne
The Greater Cleveland Educational Development
Center, College of Education, Cleveland State
University.
ED 328 125

Stewart, Amy
Competency-Based Career Development Strategies
and the National Career Development
Guidelines. Information Series No. 345.
ED 327 739

Stewart, Denise B.
A Curriculum Framework for Secondary-Aged
Handicapped Students.
ED 328 039

Stewart, Lee
It's Up to You. Women at UBC in the Early
Years.
ED 328 147//

Stolworthy, Reed L.
Preservice Teacher Evaluation.
ED 328 530

Stone, Deanne
Recruiting and Retaining Teachers in Rural
Schools. Far West Laboratory Knowledge Brief.
Number Four.
ED 328 383

Stone, Deborah
Strive Toward Excellence Program.
ED 328 126

Stout, William
An Item Response Theory Model for Test Bias.
ED 328 584

Stover, Lois T.
Using Young Adult Literature as Artifact To Gain
Insight about the Adolescent Experience in Other
Cultures.
ED 327 859

Strang, Harold R.
A Self-administered Simulation for Training Basic
Classroom Skills. Final Report for Minigrant.
ED 328 532

Strauss, Valerie
America's Growing Dilemma: Pesticides in Food
and Water.
ED 328 420//
U.S. Farm Policy: Who Benefits? Who Pays? Who
Decides? A Citizen's Guide.
ED 328 421//

Strickland, Charles E.
Making Introductory Foundations of Education
Courses More Effective. [Part One:] The Case of

Educational Studies 201, Emory University. Part
Two: An Empirical Study.
ED 328 548

Stutzman, Esther
Thanksgiving: A Resource Guide. An Indian Edu-
cation Curriculum Unit.
ED 328 393

Sullivan, Monica, Ed.
America's Growing Dilemma: Pesticides in Food
and Water.
ED 328 420//

Summerfield, Liane M.
Childhood Obesity. ERIC Digest.
ED 328 556

Sunderland, Jane
The Value of Project Work in INSET.
ED 328 081

Szabo, Mate
Political Education in Hungary.
ED 328 464

Tamarkin, Civia
Marva Collins' Way. Second Edition.
ED 328 629//

Tan, Norma
The Cambridge Controlled Choice Program: Im-
proving Educational Equity and Integration. Edu-
cation Policy Paper Number 4.
ED 327 925

Tashakkori, Abbas
Predictors of Intention To Take Precautions
against AIDS among Black College Students.
ED 327 807

Race Differences in Self-Perception and Locus of
Control during Adolescence and Early Adult-
hood.
ED 327 806

Taylor, Dianne L.
Evaluating the Sample Specificity of Discriminant
Analysis Results Using the Jackknife Statistic.
ED 328 574

Taylor, William L.
A Report on Shortchanging Children: The Impact
of Fiscal Inequity on the Education of Students at
Risk. Prepared for the Committee on Education
and Labor. U.S. House of Representatives. One
Hundred First Congress, Second Session.
ED 328 654

Terdal, Marjorie
Responding to Our Response: Student Strategies
for Responding to Teacher Written Comments.
ED 328 098

Thayer, Donald, Ed.
Annual Report of the Rehabilitation Services Ad-
ministration to the President and to the Congress
on Federal Activities Related to the Rehabilita-
tion Act of 1973, as Amended. Fiscal Year 1989.
ED 328 026

Thayer, Louis
Self/Career Development: A Helping Role for the
School Counselor.
ED 327 746

Self/Career Development: Facilitating Small
Group Process.
ED 327 745

Thering, Ann, Ed.
Incentives That Enhance the Teaching Profes-
sion: A Discussion of the Policy Issues. Summary
of the Proceedings of a Seminar. Attracting Excel-
lence: Call for Teacher Incentives Series.
ED 327 959

Thiel, Russell
Micro Labs for High School Chemistry.
ED 328 395

Thomas, M. Angele
Special Projects: An Historical Analysis.
ED 328 024

Thompson, David C.
Methods of Financing Educational Facilities in
the United States.
ED 327 916

Thompson, Vaida D.
Predictors of Intention To Take Precautions
against AIDS among Black College Students.
ED 327 807

Race Differences in Self-Perception and Locus of
Control during Adolescence and Early Adult-
hood.
ED 327 806

Thorpe, Mary
The Tutor Perspective on Computer Mediated
Communication in DT200: Introduction to Infor-
mation Technology. Home Computing Evalua-
tion Project.
ED 328 219

Thorpe, Stephen W.
Forecasting Enrollment in a Period of Institu-
tional Transition. AIR Conference Paper.
ED 328 134

Tidwell, Billy J.
The Price: A Study of the Costs of Racism in
America.
ED 328 650

Stalling Out: The Relative Progress of African
Americans.
ED 328 653

Tidwell, Monte
Education in Latin America-Comparative.
ED 328 504

Tilfas, Salpasr
Kosrae Title VII Bilingual Education Program.
Grades 7-9, 1986-1989. Final Program Evalua-
tion Report.
ED 328 064

Tinzmann, Margaret Banker
The Collaborative Classroom: Reconnecting
Teachers and Learners, Video Conference 3. Re-
structuring To Promote Learning in America's
Schools, A Guidebook.
ED 327 931

The Meaning of Professional Development in the
21st Century. Video Conference 8. Restructuring
To Promote Learning in America's Schools, A
Guidebook.
ED 327 936

Reconnecting Students at Risk to the Learning
Process. Video Conference 9. Restructuring To
Promote Learning in America's Schools, A
Guidebook.
ED 327 937

Schools as Learning Communities. Video Confer-
ence 5. Restructuring To Promote Learning in
America's Schools, A Guidebook.
ED 327 933

The Thinking Curriculum. Video Conference 2.
Restructuring To Promote Learning in America's
Schools, A Guidebook.
ED 327 930

Title, David
Increasing the Quality and Supply of Administra-
tors in the Northeast: A Northeast Regional Cer-
tification for Administrators. A Policy Brief
Prepared for the Commissioners of Education in
the Northeast and the Administrator Standards
Working Group of the Northeast Common Mar-
ket.
ED 327 940

Tobin, Sheldon S.
How Case Managers Perceive Older Parents as
Caregivers of Developmentally Disabled Adult
Offsprings.
ED 327 787

Toews, Jane
Implementation Strategies for Integration. An
Administrator's Manual. Teaching Research In-
tegration Project for Children and Youth with Se-
vere Handicaps.
ED 328 003

Toncheva, Elizabeth
The Value of Project Work in INSET.
ED 328 081

Townsend, Patricia
Developing Writing Skills in a Speech Writing
Course.
ED 327 862

Trenkle, Mari R.
Penn State-Behrend/Diehl Elementary School
Adopt-A-School Program.
ED 328 130

Tucker, Mary L.
Exploratory Factor Analysis: A Review and Illus-
tration of Five Principal Components Decision
RIE JUN 1991

Author Index

- Methods for Attitudinal Data. ED 328 591
- Tucker, Robert W.**
Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students. ED 327 666
- Tuckman, Howard**
On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146
- Turner, Mary Jane**
The Civic Achievement Award Program in Honor of the Office of the Speaker of the House of Representatives. Instructor Manual and [Student Resource Book]. Launch Edition. ED 328 466
- Turner, Nigel E.**
Context Effects in Comprehending Familiar and Unfamiliar Proverbs. ED 327 876
- Turner, Susan, Ed.**
The Literacy Issue: Feminist Perspectives on Reading and Writing. ED 328 102
- Tutchings, Terry**
An Evaluation of a College Developmental Reading Program. ED 327 839
- Twillie, Less Doll**
Teacher Burnout in Diverse Elementary School Environments. ED 328 539
- Ukah, Matthias O.**
Value Orientation—A New Emphasis for Teacher Education in Higher Education for the 1990s. ED 328 520
- Underwood, Willard A.**
Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891
- Vaccaro, Frank J.**
Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly. ED 327 747
- Van Camp, Mary Ellen**
The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
- Van Den Akker-Landrum, Linda, Comp.**
CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3. ED 328 248
- van Els, Theo J. M.**
Foreign Language Policy-Making from a Dutch and European Point of View. ED 328 060
- Van Riper, B. W.**
A Career Development Module for Standardized Group Testing. Career Guidance Project, 1988-1989. ED 327 783
- Vandell, Kathy**
Women and Tenure: The Opportunity of a Century. ED 328 489
- Vandenberg, Donald**
Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
- Vasi, John**
Use of Management Statistics in ARL Libraries. SPEC Kit #153. ED 328 251
- Vecchia, Ellen M.**
Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6. ED 328 568

- Veir, Carole**
A Tale of Two Appraisal Systems: Texas and North Carolina. ED 327 981
- Vernez, Georges**
Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note. ED 328 625
- Viss, Deborah, Ed.**
Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education. ED 327 673
- Vitkus, John**
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness. ED 327 741
- von Kugelgen, Rainer**
Comprehension and Communicative Evidence in Operative Mathematics Instruction. ED 328 087
- Wagaw, Teshome G.**
The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2. ED 328 160//
- Wagner, Graham**
The Readability of Trade Examinations. ED 327 726
- Wagner, MaryJo**
Women in the Farmers' Alliance. ED 328 501
- Waidley, John W.**
Career Information Module for G&C 530, Career Development and Information Services. ED 327 750
- Walker, Karen**
Emerging Issues: A Survey of Education Committee Chairs. ED 327 920
- Walker, Susan S.**
Aquaculture. Teacher Edition. ED 327 657
- Walker, Walt Cat**
Gay and Lesbian Studies. A Research Guide for the UCLA Libraries. ED 328 271
- Wallace, M. Charlene**
Counseling and Guidance Program Evaluation 1990-91. ED 327 765
- Ward-Besser, Gail**
Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series. ED 328 600
- Warner, Heather**
Access, Equity, and Opportunity. Women in Machining: A Model Program. ED 327 718
- Warner, Paul D., Ed.**
Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia). ED 328 376

Whitebook, Marcy

263

- Washington, Wenifort**
Beyond Computer Planning: Managing Educational Computer Innovations. ED 327 977
- Watson, Betty Collier, Ed.**
The African American Woman. Runta (Truth). ED 328 638
- Watt, Daniel Lynn**
How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative. ED 328 226
- Watt, Molly Lynn**
How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative. ED 328 226
- Watts, A. G.**
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report. ED 327 676
- Weber, Lisa B.**
Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266
- Weiler, Kathleen**
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series. ED 328 635//
- Weiss, Robert O.**
The Faculty Development Component of Speaking across the Curriculum. ED 327 893
- Wellman, Mary M.**
An AIDS Hotline: Primary Prevention in the Community. ED 327 801
- Weltens, Bert**
Modelling and Assessing Foreign Language Loss. ED 328 071
- Westbrook, Franklin D.**
White Student Attitudes about African American Students in a University Setting. Research Report #9-90. ED 328 164
- Westcott, Dale**
Energy and Safety: Science Activities for Elementary Students, Level I (Grades (K-2)). ED 328 410
- Weston, Susan Perkins**
Como escoger una escuela para su hijo (Choosing a School for Your Child). ED 327 965
- Whalley, Peter**
HyperTechnic-A Graphic Object-Oriented Control Language. ED 328 210
- White, Maureen E.**
Public Relations State-of-the-Art 2000: A Shift in Perception. ED 328 175
- White, Phillip**
Library Research Guide for International Students. 2nd Edition. ED 328 280
- White, Rudolph A.**
School Dropouts: A Two-Generation Problem. Public Policy Research Series. ED 328 631
- Whitebook, Marcy**
The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.

- ED 328 340
- Wiggins, Grant**
The Case for Authentic Assessment. ERIC Digest.
ED 328 611
- Wilkinson, Brenda**
Jesse Jackson: Still Fighting for the Dream.
ED 328 660//
- Williams, James A.**
Science Attitude Analysis of Dayton Public School Teachers in Science.
ED 328 458
- Williams, Sylvia J.**
Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12.
ED 328 239
- Willmoth, James Noel**
An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.
ED 328 582
- Wilson, Mary Alice B.**
Western Massachusetts Five College/Public School Partnership.
ED 328 152
- Wirt, Frederick M.**
The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report.
ED 327 945
- Wise, Beth S.**
Literacy: The Impact of Technology on Early Reading.
ED 327 832
- Wisner, Patricia**
Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.
ED 328 297
- Wittenbach, Stefanie A.**
Automated Authority Control in ARL Libraries. SPEC Kit #156.
ED 328 254
- Wofford, Kate V., Ed.**
Child Development and the Tool Subjects in Rural Areas. Yearbook 1941.
ED 328 371
- Wolkon, George H., Ed.**
Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49.
ED 328 023
- Wong, Lily Y. S.**
A Source of Distractions in the Classroom: The Teacher.
ED 328 536
- Wong, Philip Siew Koon**
Students' Metacognition in Mathematical Problem Solving.
ED 328 438
- Word, Elizabeth R.**
The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990).
ED 328 356
- Worthington, Jim**
Reading Groups: Problems, Solutions.
ED 327 833
- Wyatt, John**
Commitment to Higher Education; Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno.
ED 328 200//
- Yager, Robert E.**
The Nature of "Exemplary" Science Teachers: Implications for Teacher Education.
ED 328 430
- The Practices of Teachers Who Develop Exemplary Science Programs.
ED 328 416
- Yagi, Kan**
State Disadvantaged Child Project in the Portland Public Schools. 1988-89 Evaluation Report.
ED 328 350
- Yaprak, Attila**
Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution.
ED 327 899
- Yee, Juliet**
Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.
ED 328 580
- Yongioyklis, Penelope-Suzannah Kambakis**
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence.
ED 328 096
- Young, Art**
Looking Left, Then Right: Administering the Wyoming Resolution.
ED 327 867
- Young, John E.**
Discarding the Throwaway Society. Worldwatch Paper 101.
ED 328 400
- Young, Malcolm B.**
Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.
ED 328 066
- Zacharias, Martha E.**
The Relationship between Journal Writing in Education and Thinking Processes: What Educators Say about It.
ED 327 870
- Zaman, Riffat Moazam**
War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women.
ED 327 768
- Zamm, Michael**
Training Student Organizers Curriculum, Revised Edition.
ED 328 424
- Zanone, Charles F., IV**
Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.
ED 327 804
- Zborowski, Lydia L.**
Assessing the Process of Marital Adaptation: The Marital Coping Inventory.
ED 327 802
- Zimmerman, Barry J.**
Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.
ED 328 646
- Zwernik, Kay**
It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.
ED 327 997

Institution Index

This index lists the titles of documents under the institution responsible for them and/or the agency sponsoring them. The index is arranged in alphabetical sequence by the name of the university, agency, association, etc. Names beginning with the word "University" have generally been inverted in order to provide a more distinctive entry, e.g. Wisconsin University (for the University of Wisconsin).

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Institution	American Association of State Colleges and Universities, Washington, DC.		
Title	Planning Now for College Costs: A Guide for Families.	ED 298 804	Accession Number

Aaron Diamond Foundation, Inc., New York, NY.

Playtime Is Science: Implementing a Parent/Child Activity Program.

ED 328 342

Academy for Educational Development, Inc., New York, N.Y.

Partnerships for Learning: School Completion and Employment Preparation in the High School Academies.

ED 328 630

ACCESS ERIC, Rockville, MD.

Catalog of ERIC Clearinghouse Publications.

ED 328 260

Administration for Children, Youth, and Families (DHHS), Washington, DC, Head Start Bureau.

The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program.

ED 328 027

Administration on Aging (DHHS), Washington, D.C.

The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers.

ED 327 674

Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education.

ED 327 673

Teaching Basic Caregiver Skills.

ED 327 672

Administration on Developmental Disabilities (DHHS), Washington, D.C.

How To Develop an Individual Plan. Instructor's Guide.

ED 327 999

Positive Learning: An Alternative to Behavior Management. Instructor's Guide.

ED 328 000

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.

ED 328 031

The Recruitment and Retention of Minority Trainees in University Affiliated Programs—Hispanics.

ED 328 034
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.

ED 328 032
The Recruitment and Retention of Minority Trainees in University Affiliated Programs—African-Americans.

ED 328 033
Technological Adaptations To Increase Independence. Instructor's Guide.

ED 327 998

Adult Literacy and Basic Skills Unit, London (England).

ALBSU: Adult Literacy & Basic Skills Unit Newsletter. Nos. 36-39.

ED 327 692

Advanced Technology, Inc., Indianapolis, IN.

Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide.

ED 327 817

Agency for International Development (IDCA), Washington, DC.

Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report.

ED 328 554

Akron Univ., Ohio.

Strive Toward Excellence Program.

ED 328 126

Alabama A and M Univ., Normal.

Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

ED 328 381

Alabama Cooperative Extension System, Montgomery.

Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

ED 328 381

Alabama State Dept. of Education, Montgomery.

Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs.

ED 328 357

Physical Education. Alabama Course of Study.

ED 328 526

Quality Care for School-Age Children: A Self-In-

structional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children.

ED 328 358

Alaska State Dept. of Education, Juneau. Div. of Adult and Vocational Education.

Vocational Education Safety Instruction Manual.

ED 327 723

Alberta Dept. of Education, Edmonton.

Science 10. Course of Studies, Draft.

ED 328 415

Alberta Education Response Centre, Edmonton.

An Educational Unit on Deafness for Hearing Students.

ED 328 016

Alberta School for the Deaf, Edmonton.

An Educational Unit on Deafness for Hearing Students.

ED 328 016

Alcohol, Drug Abuse, and Mental Health Administration (DHHS/PHS), Rockville, MD. Office for Substance Abuse Prevention.

Athletes Coaching Teens (ACT) for Substance Abuse Prevention.

ED 328 119

Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth.

ED 327 756

Project GOLD (Garfield Options for Leadership Development).

ED 328 118

American Association of Colleges for Teacher Education, Washington, D.C.

RATE IV—Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.

ED 328 550

Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.

ED 328 549

American Association of Univ. Women, Washington, D.C.

Women and Tenure: The Opportunity of a Century.

ED 328 489

American Coll. Testing Program, Iowa City, Iowa.

Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1.

ED 328 133

American Council on Education, Washington, D.C.

Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform.

ED 328 156//

American Institutes for Research, Washington, DC.

Authentic Reading Assessment. ERIC Digest.

ED 328 607

Authentic Writing Assessment. ERIC Digest.

ED 328 606

The Case for Authentic Assessment. ERIC Digest.

ED 328 611

Gender Bias and Fairness. ERIC Digest.

ED 328 610

The International Association for the Evaluation of Educational Achievement. ERIC Digest.

ED 328 604

Measuring Aptitude. ERIC Digest.

ED 328 608

The National Assessment of Educational Progress (NAEP). ERIC Digest.

ED 328 603

Neuropsychological Assessment in Schools. ERIC Digest.

ED 328 609

State Testing of Teachers: The 1990 Report. ERIC Digest.

ED 328 605

American Jewish Committee, New York, N.Y.

Bigotry on Campus: A Planned Response.

ED 328 108

American Newspaper Publishers Association Foundation, Washington, D.C.

The Newspaper as an Effective Teaching Tool: A Brief Introduction to the Newspaper in Education Concept. Revised.

ED 327 869

American Society for Engineering Education, Washington, D.C.

An Academic Career: It Could Be for You.

ED 328 425//

Annie E. Casey Foundation, Greenwich, CT.

Kids Count Data Book. State Profiles of Child Well-Being.

ED 328 553

ARC Professional Services Group, Rockville, MD. Information Systems Div.

Resources in Education (RIE). Volume 26, Number 6.

ED 327 632

Arizona State Dept. of Education, Phoenix.

Arizona Comprehensive Health Essential Skills.

ED 328 557

Arizona Dramatic Arts Essential Skills.

ED 328 471

Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona.

ED 327 779

Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline.

ED 327 983

Every Step Counts. For Parents. How Your Child Develops: Birth-5 Years.

ED 328 354

Arizona State Dept. of Education, Phoenix. Vocational Technological Div.

Arizona Competency-Based Guidance. Program Development Workbook.

ED 327 780

Arizona Competency-Based Guidance. Program Handbook.

ED 327 781

Arkansas Univ., Fayetteville. Office of Institutional Research.

Twenty-Fourth Annual Rank-Order Distribution of Administrative Salaries Paid, 1990-91.

ED 328 144

ASPIRA Association, Inc., Washington, DC. National Office.

Latinos and the Dropout Crisis: The Community Solution.

ED 328 639

Association for Education in Journalism and Mass Communication.

How Advisers View Changes in the High School Press in the Post-Hazelwood Era.

ED 327 877

Association for Institutional Research.

Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990).

ED 328 184

Association for Research, Administration, Professional Councils & Societies, Reston, Va.

Softball for Boys and Girls. Skills Test Manual.

ED 328 525

Association for the Development of Computer-based Instructional Systems.

Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990).

ED 328 231

Association of American Colleges, Washington, D.C.

The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1.

ED 328 137

Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2.

ED 328 138

Association of Catholic Colleges and Universities, Washington, D.C.

To Hold in Trust.

ED 328 193

Association of Research Libraries, Washington, D.C. Office of Management Studies.

Automated Authority Control in ARL Libraries. SPEC Kit #156.

ED 328 254

Computerized Online Bibliographic Searching. SPEC Kit #154.

ED 328 252

Onsite Access to Library Collections by Visiting Scholars.

ED 328 253

Use of Management Statistics in ARL Libraries. SPEC Kit #153.

ED 328 251

Association of State Supervisors of Mathematics.

The Coordinated Implementation of National and State-by-State Reform in School Mathematics.

ED 328 433//

Association of Univ. Teachers (Scotland). Highers and Higher Education.

Participation in Post-Compulsory Schooling in Scotland.

ED 328 186

Association of Univ. Teachers (Scotland). Educational Trust Fund.

Highers and Higher Education.

ED 328 186

Participation in Post-Compulsory Schooling in Scotland.

ED 328 185

Astronomical Society of the Pacific, San Francisco, CA.

The Universe in the Classroom. A Newsletter on Teaching Astronomy. Issues 14-16, 1990.

ED 328 185

Institution Index

ED 328 429

Atlanta Public Schools, Ga.

An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.

ED 328 582

Auburn Univ., Ala. Center for Vocational and Adult Education.

An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.

ED 328 582

Auburn Univ., AL. Univ. Libraries.

Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104.

ED 328 256

Australian Research Grants Scheme.

The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept.

ED 328 562

Battelle Pacific Northwest Laboratories, Richland, Wash.

Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How.

ED 327 734

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990.

ED 327 735

Boston Univ., MA. National Center for America's Founding Documents.

James Madison's Practical Ideals for the 1990s. Publius and the Contemporary Court.

ED 328 507

Bridgestone/Firestone Trust Fund. Strive Toward Excellence Program.

ED 328 126

Bronx Community Coll., N.Y.

Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition.

ED 328 292

Bureau of Labor-Management Relations and Cooperative Programs (DOL), Washington, DC.

Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum.

ED 327 686

Burger King Corp., Miami, FL.

The Civic Achievement Award Program in Honor of the Office of the Speaker of the House of Representatives. Instructor Manual and [Student Resource Book]. Launch Edition.

ED 328 466

Business Council for Effective Literacy, New York, NY.

Off Welfare, into Work.

ED 327 654

Calgary Board of Education (Alberta).

A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report.

ED 328 015

California State Dept. of Education, Sacramento.

Schools for the Twenty-First Century.

ED 327 955

California State Dept. of Education, Sacramento. Curriculum, Instruction, and Assessment Div.

The Changing History-Social Science Curriculum: A Booklet for Parents.

ED 328 468

California Univ., Davis. Univ. Library.

Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad.

ED 328 468

Institution Index

- ED 328 265
California Univ., Santa Cruz. Bilingual Research Group.
 An Interview with Werner F. Leopold.
 Suggestopedia: Activating the Student's Reserve Capacities.
 ED 328 057
Carnegie Corp. of New York, N.Y.
 Renewing Undergraduate Education: Recommendations from the Irvine Group.
 Results in Education: 1990. The Governors' 1991 Report on Education.
 ED 327 969
Cecil Community Coll., Elkton, MD.
 Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report.
 ED 327 695
Center for Applied Linguistics, Washington, D.C.
 Linguist Proficiency Improvement Courses.
 ED 328 097
Center for Science in the Public Interest, Washington, D.C.
 White Paper on School-Lunch Nutrition.
 ED 328 538
Center for Teaching/Learning of Mathematics, Framingham, MA.
 NCTM Student Math Notes, January-December, 1990.
 ED 328 413
Center for the Learning and Teaching of Elementary Subjects, East Lansing, MI.
 The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects.
 Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22.
 Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29.
 "Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.
 ED 328 511
Center for the Study of Social Policy, Washington, DC.
 Kids Count Data Book. State Profiles of Child Well-Being.
 ED 328 553
Central Community Coll., Grand Island, NE.
 Calculator Addition and Applications. Fundamentals of Occupational Mathematics. Module 3.
 Calculator Division Fraction to Decimal Conversion Applications of Division. Fundamentals of Occupational Mathematics. Module 6.
 Calculator Multiplication of Decimals and Applications. Fundamentals of Occupational Mathematics. Module 5.
 Calculator Subtraction and Applications. Fundamentals of Occupational Mathematics. Module 4.
 Drill Presses.
 Fractions and Conversion to Decimal. Fundamentals of Occupational Mathematics. Module 7.
 Hydraulics.
 Measurement Conversions: English and Metric Systems. Fundamentals of Occupational Mathematics. Module 9.
 More Metric Measurement Concepts. Fundamentals of Occupational Mathematics. Module 10.
 Order of Operations. Fundamentals of Occupational Mathematics. Module 12.

RIE JUN 1991

Congress of the U.S., Washington, D.C.

267

- ED 327 711
 Orientation to Machine Shop. Safety, Machine Identification, Metal Identification.
 ED 327 712
 Pedestal Grinder.
 ED 327 715
 Place Value. Fundamentals of Occupational Mathematics. Module 1.
 ED 327 700
 Pneumatics.
 ED 327 716
 Powers and Roots. Fundamentals of Occupational Mathematics. Module 11.
 ED 327 710
 Ratios, Rates, and Proportions. Fundamentals of Occupational Mathematics. Module 8.
 ED 327 707
 Rounding Decimal Numbers to a Designated Precision. Fundamentals of Occupational Mathematics. Module 2.
 ED 327 701
Central Washington Univ., Ellensburg.
 Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How.
 ED 327 734
 Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990.
 ED 327 735
Child Care Employee Project, Oakland, CA.
 The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.
 ED 328 340
Childcare Resources, Birmingham, AL.
 Developing a Quality School-Age Child Care Program: An Information and Training Manual for Directors of School-Age Child Care Programs.
 Quality Care for School-Age Children: A Self-Instructional Guide To Help Staff Plan and Implement a Quality Program for School-Age Children.
 ED 328 358
Children's Book Council, New York, N.Y.
 Notable 1989 Children's Trade Books in the Field of Social Studies.
 ED 328 510
City Univ. of New York, Flushing, NY.
Queens Coll. Benjamin Rosenthal Library.
 Stack Maintenance Student Aide Training Manual and Handbook. Revised.
 ED 328 287
City Univ. of New York, N.Y. Graduate School and Univ. Center.
 Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990).
 ED 328 645
City Univ. of New York, N.Y. Instructional Resource Center.
 Research. Classroom Practice. Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987).
 Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986).
 ED 328 069
 ED 328 068
Cleveland State Univ., Ohio. Coll. of Education.
 The Greater Cleveland Educational Development Center, College of Education, Cleveland State University.
 ED 328 125
Close Up Foundation, Arlington, VA.
 The Civic Achievement Award Program in Honor of the Office of the Speaker of the House of Representatives. Instructor Manual and [Student Resource Book]. Launch Edition.
 ED 328 466
College Board, New York, NY.
 Life with the SAT: Assessing Our Young People and Our Times.
 ED 328 622//
 Test Validity and Language Background: A Study of Hispanic American Students at Six Universities.
 ED 328 623//
College Board, New York, NY. Office of Adult Learning Services.
 100 Ways Colleges Serve Adults.
 ED 328 159//
Colorado State Univ., Ft. Collins. Dept. of Agricultural and Resource Economics.
 Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report.
 ED 328 377
Columbus Public Schools, Ohio.
 Language Development Component Compensation Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.
 ED 327 821
Commission on Preservation and Access, Washington, DC.
 The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990.
 Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution.
 ED 328 263
Community Coll. of Rhode Island, Warwick.
 Community College of Rhode Island: Annual Report, 1989-90.
 Report on Career Placement and External Transfer of 1989 Graduates.
 ED 328 313
 ED 328 314
Congress of the U.S., Washington, D.C. House Committee on Education and Labor.
 Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor. House of Representatives, One Hundred First Congress, Second Session.
 ED 328 206
 A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor. U.S. House of Representatives. One Hundred First Congress, Second Session.
 ED 328 654
Congress of the U.S., Washington, DC. House Committee on Small Business.
 Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).
 ED 327 652
Congress of the U.S., Washington, D.C. House Committee on Veterans' Affairs.
 Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session.
 ED 327 670
 Veterans Employment and Training Programs. Report from the Committee on Veterans' Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.
 ED 327 669
Congress of the U.S., Washington, D.C. Office of Technology Assessment.
 Copyright & Home Copying. Technology Challenges the Law.
 ED 328 262
Congress of the U.S., Washington, D.C. Senate.
 S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement

of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session.

ED 328 612

Congress of the U.S., Washington, D.C. Senate Committee on Commerce, Science, and Transportation.

National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).

ED 328 244

Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role.

ED 328 428

Congress of the U.S., Washington, D.C. Senate Committee on Environment and Public Works.

Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.

ED 327 968

Congress of the U.S., Washington, D.C. Senate Committee on Veterans' Affairs.

Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546.

ED 327 727

Congress of the U.S., Washington, D.C. Senate Subcommittee on Education, Arts and Humanities.

The National Education Report Card Act of 1990. Hearing on S.2034 To Authorize the Creation of a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources. Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990).

ED 328 595

Connecticut Univ., Storrs. Cooperative Extension Service.

Communication and Negotiation. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter IV.

ED 327 794

Puberty/Adolescence. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter III.

ED 327 793

Self-Esteem. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter II.

ED 327 792

Sexuality. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter I.

ED 327 791

Talking about Sex. Growing Pains: Sex Education for Parents. A Newsletter Series. Letter V.

ED 327 795

Consortium on Financing Higher Education, Cambridge, MA.

Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?"

ED 328 140

Coos County Indian Education Coordination Program, Coos Bay, OR.

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

ED 328 393

Council for Advancement and Support of Education, Washington, D.C.

Annual Giving Strategies: A Comprehensive Guide to Better Results.

ED 328 150

Council for Exceptional Children, Reston, Va.

Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).

ED 327 987

Council of Ontario Universities, Toronto.

Inventory of Physical Facilities of Ontario Universities, 1989-90.

ED 328 190

Council on the Environment of New York City, N.Y.

Training Student Organizers Curriculum, Revised Edition.

ED 328 424

Cuban American National Council, Inc.

The Challenge of Education: No Time To Waste, No Room, for Failure.

ED 328 633

Cuesta Coll., San Luis Obispo, Calif.

Employer Needs Assessment.

ED 328 325

General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan.

ED 328 315

Defense Language Inst., Monterey, Calif.

Linguist Proficiency Improvement Courses.

ED 328 097

DeKalb County School System, Decatur, GA.

Teacher Education and Mentoring Program: Program Design and Research Results.

ED 328 540

Delaware State Dept. of Public Instruction, Dover. Exceptional Children/Special Programs Div.

Comprehensive System of Personnel Development, 1988-89 CSPD Report.

ED 328 055

Department of Commerce, Washington, D.C.

The Rural Career Assistance Program: An Implementation Guide.

ED 327 664

Department of Education, Washington, DC.

America 2000: An Education Strategy. Sourcebook.

ED 327 985

The Case for Peers.

ED 327 755

The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1.

ED 328 137

Choosing Better Schools: The Five Regional Meetings on Choice in Education.

ED 327 975

Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning.

ED 327 754

Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report.

ED 328 058

Enhancing Teacher Performance in Spanish Elementary Classes. Volume Two: Translated Units. Final Report.

ED 328 059

A Guide to Expanding School-Based Prevention.

ED 327 941

Latinos and the Dropout Crisis: The Community Solution.

ED 328 639

Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report.

ED 328 054
Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2.

ED 328 138

The School-to-Work Connection.

ED 327 675

Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide.

ED 327 753

Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit.

ED 328 393

Department of Education, Washington, DC. Office of Planning, Budget, and Evaluation.

The Escalating Costs of Higher Education.

ED 328 114

Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.

ED 328 066

Trends in Institutional Costs.

ED 328 115

Department of Energy, Washington, D.C.

Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How.

ED 327 734

Department of Labor, Washington, D.C.

JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations.

ED 327 642

The School-to-Work Connection.

ED 327 675

Department of National Health and Welfare, Ottawa (Ontario).

Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee.

ED 327 633

Dependents Schools (DOD), Washington, DC. Pacific Region.

Junior Science and Humanities Symposium Program, Management Guide SY91-92.

ED 328 448

Des Moines Public Schools, IA. Instructional Div.

Counseling and Guidance Program Evaluation 1990-91.

ED 327 765

Des Moines Public Schools, IA. Teaching and Learning Div.

K-12 Social Science Program Evaluation.

ED 328 476

Development Associates, Inc., Arlington, Va.

Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.

ED 328 066

Eastern Kentucky Univ., Richmond.

Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide.

ED 327 904

Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.

ED 327 903

Eastern Michigan Univ., Ypsilanti. Dept. of Leadership and Counseling.

Career Guidance Strategies for Student Affairs Professionals.

ED 327 749

Career Information Module for G&C 530, Career Development and Information Services.

ED 327 750

RIE JUN 1991

Institution Index

- Self/Career Development: A Helping Role for the School Counselor. ED 327 746
- Self/Career Development: Facilitating Small Group Process. ED 327 745
- Edinburgh Univ. (Scotland). Centre for Educational Sociology. Highers and Higher Education. ED 328 186
- Participation in Post-Compulsory Schooling in Scotland. ED 328 185
- Edna McConnell Clark Foundation, New York, N.Y. Partnerships for Learning: School Completion and Employment Preparation in the High School Academies. ED 328 630
- Educational Development Specialists, Lakewood, CA. Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade. ED 328 445
- Educational Equity Concepts, Inc., New York, NY. Playtime Is Science: Implementing a Parent/Child Activity Program. ED 328 342
- Educational Research Service, Arlington, Va. School Officials and the Courts: Update 1990. ERS Monograph. ED 327 979//
- Educational Resources Information Center (ED), Washington, DC. Resources in Education (RIE). Volume 26, Number 6. ED 327 632
- Education Writers Association, Washington, DC. Training for Work: What the U.S. Can Learn from Europe. ED 327 641
- Edward John Noble Foundation, New York, N.Y. Public School Choice: An Equal Chance for All? ED 327 917
- Environmental Protection Agency, Chicago, IL. Great Lakes National Program Office. Great Minds? Great Lakes! ED 328 455
- ERIC Clearinghouse on Adult, Career, and Vocational Education, Columbus, Ohio. Articulation Models for Vocational Education. Information Series No. 343. ED 327 737
- Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345. ED 327 739
- Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344. ED 327 738
- ERIC Clearinghouse on Handicapped and Gifted Children, Reston, Va. Cost Efficiency of Early Education. Abstract 25: Research and Resources on Special Education. ED 327 988
- Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989). ED 327 987
- ERIC Clearinghouse on Languages and Linguistics, Washington, D.C. Foreign Language Learning: An Early Start. ERIC Digest. ED 328 083

Franklin and Marshall Coll., Lancaster,

269

- Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest. ED 328 082
- ERIC Clearinghouse on Reading and Communication Skills, Bloomington, IN. Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
- Word History: A Guide to Understanding the English Language. ED 327 856
- ERIC Clearinghouse on Teacher Education, Washington, D.C. Childhood Obesity. ERIC Digest. ED 328 556
- ERIC Clearinghouse on Tests, Measurement, and Evaluation, Washington, DC. Authentic Reading Assessment. ERIC Digest. ED 328 607
- Authentic Writing Assessment. ERIC Digest. ED 328 606
- The Case for Authentic Assessment. ERIC Digest. ED 328 611
- Gender Bias and Fairness. ERIC Digest. ED 328 610
- The International Association for the Evaluation of Educational Achievement. ERIC Digest. ED 328 604
- Measuring Aptitude. ERIC Digest. ED 328 608
- The National Assessment of Educational Progress (NAEP). ERIC Digest. ED 328 603
- Neuropsychological Assessment in Schools. ERIC Digest. ED 328 609
- State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
- ERIC Clearinghouse on Urban Education, New York, N.Y. Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- ERIC Processing and Reference Facility, Rockville, MD. Resources in Education (RIE). Volume 26, Number 6. ED 327 632
- Erie City School District, Pa. Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
- European Centre for the Development of Vocational Training, Berlin (Germany). Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report. ED 327 676
- Evaluation Research, Newton Highlands, MA. An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners. ED 328 267
- Extension Service (DOA), Washington, D.C. Redirection for the 1990s. A Working Agenda for Analyzing and Resolving Key Rural Development Issues and Trends for the Twelve States and the District of Columbia Northeast Region. ED 328 387
- EXXON Education Foundation, New York, N.Y. General Learning at a Women's College. ED 328 116
- Far West Lab. for Educational Research and Development, San Francisco, Calif. Audiographics Distance Learning: A Resource Handbook. ED 328 384
- Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. ED 328 384
- Number Four. ED 328 383
- Rural Initiative: Evaluation of the Rural Schools Assistance Program. ED 328 378
- Teaching Diverse Students: Cases and Commentaries. ED 328 552
- Ferguson-Florissant School District, Ferguson, Mo. Home Activities for Fours. ED 328 338
- Florida Atlantic Univ., Boca Raton. Multifunctional Resource Center. An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089
- Florida Univ., Gainesville. Dept. of Special Education. Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 090
- Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 091
- Second Language Development & Instruction. Module 3. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 092
- Transdisciplinary Teaming. Module 5. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 094
- Working with Parents. Module 4. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 093
- Ford Foundation, New York, N.Y. Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392
- The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137
- The Challenge of Education: No Time To Waste, No Room, for Failure. ED 328 633
- Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note. ED 328 625
- Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138
- Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas. ED 328 656
- Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity. ED 328 549
- Trends in the Postsecondary Enrollment of Minorities. ED 328 112
- Foreign Policy Association, New York, N.Y. Great Decisions '86. ED 328 474
- U.S. Foreign Aid Policy—A Critique. Headline Series No. 293. ED 328 508
- Forest Service (DOA), Washington, D.C. Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
- Franklin and Marshall Coll., Lancaster, PA. Office of Planning and Institutional Research. Baccalaureate Origins of Doctorate Recipients: A Ranking by Discipline of 4-Year Private Institu-

- tions. 6th Edition, 1920-1988 Data. ED 328 177
- Fund for the Improvement of Postsecondary Education (ED), Washington, DC.**
Demographic and Economic Changes and Postsecondary Education. ED 328 111
- Further Education Unit, London (England).**
Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s. ED 327 690
- Gallaudet Research Inst., Washington, DC.**
Consumer Motivated Research to Development: The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 045
- Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 046
- Gallaudet Univ., Washington, DC. Kendall Demonstration Elementary School.**
Preschool Curriculum Guide. ED 328 043
- General Accounting Office, Washington, DC. Information Management and Technology Div.**
Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate. ED 328 167
- General Accounting Office, Washington, DC. Resources, Community, and Economic Development Div.**
Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate. ED 328 649
- George Mason Univ., Fairfax, VA. Northern Virginia Survey Research Lab.**
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems. ED 328 105
- Georgia State Board for Postsecondary Vocational Education, Atlanta.**
The Integration of Marketing in Post-Secondary Vocational Education. ED 327 679
- Georgia State Dept. of Education, Atlanta.**
Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540
- Georgia State Dept. of Education, Atlanta. Exceptional Students Div.**
A Curriculum Framework for Secondary-Aged Handicapped Students. ED 328 039
- Georgia Univ., Athens. Carl Vinson Inst. of Government.**
School Dropouts: A Two-Generation Problem. Public Policy Research Series. ED 328 631
- Georgia Univ., Athens. Coll. of Education.**
Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540
- Georgia Univ., Athens. Handicapped Student Services.**
Students with Disabilities: A Guide for Faculty and Staff. ED 328 497
- German Marshall Fund of the United States, Washington, D.C.**
Training for Work: What the U.S. Can Learn from Europe. ED 327 641
- Glassboro State Coll., N.J.**
Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128
- Global Horizons, The Center for Applied Ecosocial Studies, Plaistow, N.H.**
Cultural Geography and the Social Studies Curriculum. Humans & Environment Learning Program (HELP). ED 328 487
- Social Studies Education: An Interpretive History of Discovery, Change, Innovation, and Trends. Humans & Environment Learning Program (HELP). ED 328 488
- Grantsmanship Center, Los Angeles, CA.**
Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series. ED 327 966/1
- Grant (W.T.) Foundation, New York, N.Y.**
Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary. ED 328 658
- Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report to the William T. Grant Foundation. Volume One [and] Volume Two. ED 328 659
- Grossmont District Hospital, La Mesa, CA.**
The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers. ED 327 674
- Labors of Love: Realities and Solutions. A Guide to Family Caregiver Education. ED 327 673
- Teaching Basic Caregiver Skills. ED 327 672
- Hampden County Employment and Training Consortium, Springfield, MA.**
Access, Equity, and Opportunity. Women in Machining: A Model Program. ED 327 718
- Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education. ED 327 691
- What Do Workers Have To Say? Skills & Technological Change. ED 327 719
- Handwriting Research Corp., Phoenix, AZ.**
Technical Manual: Handwriting Research Corporation. ED 327 860
- Harnett County School District, Lillington, NC.**
Harnett County Schools Academically Gifted Curriculum K-8. ED 327 989
- Health Resources and Services Administration (DHHS/PHS), Rockville, MD.**
Bureau of Maternal and Child Health and Resources Development.
Case Management of Adolescents with Chronic Disease. ED 327 721
- Henry George School, New York, NY.**
The Industrial Revolution. Land and Freedom-Issues in World History. ED 328 494
- Land and Freedom-Economic Studies. ED 328 497
- Land and Freedom-Issues in World History. ED 328 496
- Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction]. ED 328 495
- Holmes Group, Inc., East Lansing, MI.**
Tomorrow's Schools: Principles for the Design of Professional Development Schools. ED 328 533
- Houston Independent School District, TX. Dept. of Research and Evaluation.**
Chapter 1 Migrant Education Program: Final Report. ED 328 640
- Dropout Report for 1988-89: Part 2. ED 328 642
- Required Academic Proficiency (RAP) Program: Final Report. ED 328 641
- Human Resources Research Organization, Alexandria, Va.**
Linguist Proficiency Improvement Courses. ED 328 097
- Idaho School Boards Association, Boise.**
Selecting a Superintendent. ED 327 926
- Idaho State Dept. of Education, Boise. Div. of Vocational Education.**
Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report. ED 327 699
- Illinois Coalition Against Domestic Violence, Springfield.**
Handbook for Domestic Violence Victims. ED 327 777
- Illinois ESL Adult Education Service Center, Des Plaines. Adult Learning Resource Center-NEC.**
Adult ESL Suggested Materials List. ED 328 104
- Illinois State Board of Education, Springfield.**
What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey. ED 327 740
- Illinois State Board of Education, Springfield. Adult and Continuing Education Section.**
Adult ESL Suggested Materials List. ED 328 104
- Illinois State Board of Education, Springfield. Dept. of Adult, Vocational and Technical Education.**
Vocational Education: The Issue Is Access. ED 327 720
- Illinois State Dept. of Public Aid, Springfield.**
Handbook for Domestic Violence Victims. ED 327 777
- Illinois Univ., Urbana. Beckman Inst. for Advanced Science and Technology.**
Current Issues and Research Findings in the Study of School Leadership. Project Report. ED 327 946
- An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
- An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form. ED 327 911
- The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report. ED 327 945
- A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
- Principal Leadership: A Theoretical Framework for Research. Project Report.

Institution Index

- ED 327 952
The "Psychological Environment" of the School: A Focus for School Leadership. Project Report.
ED 327 954
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report.
ED 327 953
School "Culture," Motivation, and Achievement. Project Report.
ED 327 949
"School Culture," Student Ethnicity, and Motivation. Project Report.
ED 327 947
Teachers Commitment and Job Satisfaction. Project Report.
ED 327 951
- Illinois Univ., Urbana. Center for the Study of Reading.**
A Guide to Selecting Basal Reading Programs.
ED 327 835
Teachers and Independent Reading: Suggestions for the Classroom.
ED 327 834
- Illinois Univ., Urbana. Coll. of Education.**
Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report.
ED 327 950
School Culture, Motivation, and Achievement. Project Report.
ED 327 948
- Illinois Univ., Urbana. Dept. of Statistics.**
An Item Response Theory Model for Test Bias.
ED 328 584
- Illinois Univ., Urbana. Office of Continuing Education and Public Services.**
Economic Development for Small Communities and Rural Areas.
ED 327 687
- Indiana Library Association.**
Bibliographic Instruction in Indiana.
ED 328 259
- Indiana Library Trustee Association, Indianapolis.**
Bibliographic Instruction in Indiana.
ED 328 259
- Indiana Opportunities Industrialization Center of America State Council, Indianapolis.**
A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report.
ED 327 697
- Indiana State Library, Indianapolis.**
Bibliographic Instruction in Indiana.
ED 328 259
- Information Organizers of the Fox Valley, Inc., North Aurora, IL.**
School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report.
ED 328 286
- International Association of Personnel in Employment Security, Frankfort, KY.**
Addressing Employer Services.
ED 327 681
Employment Services Needs of Veterans.
ED 327 684
Model Offices: Flexible Options, Local Innovations.
ED 327 685
Multinational Investment: Opportunity and Challenge.
ED 327 683
Unemployment Insurance. Maintaining the Foundation of Economic Security.
ED 327 680
Youth and Work: Outreach, Assessment, Preparation.
ED 327 682
- International Bureau of Education, Paris (France).**

RIE JUN 1991

Kosrae Dept. of Education (Federated

271

- Essentials of Educational Psychology.
ED 328 467
- International Center for Research on Language Planning, Quebec (Quebec).**
Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990.
ED 328 095
- International Council for Adult Education, Toronto (Ontario).**
The Literacy Issue: Feminist Perspectives on Reading and Writing.
ED 328 102
Women's Kit.
ED 328 103
- International Federation of Library Associations, The Hague (Netherlands).**
Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet.
ED 328 270
- International Planned Parenthood Federation, London (England).**
Teachers and National Development with Special Reference to Family Life Education.
ED 328 517
- International Reading Association, Newark, Del.**
Semantic Feature Analysis: Classroom Applications. Reading Aids Series.
ED 327 820
- International Society for Technology in Education, Eugene, OR.**
AppleWorks for Educators: A Beginning and Intermediate Workbook. Version 3.0.
ED 328 243
Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989).
ED 328 233
- Interstate Conference of Employment Security Agencies, Inc., Washington, D.C.**
Workforce Trends. An Assessment of the Future by Employment Security Agencies.
ED 327 638
- Iowa State Dept. of Education, Des Moines. Bureau of School Administration and Accreditation.**
Multicultural Nonsexist Education in Iowa Schools: Talented and Gifted.
ED 328 044
- Iowa State Historical Society, Iowa City.**
Caring for Iowa's Children.
ED 328 475
- Iowa State Library, Des Moines.**
Family Literacy Library Programs: Models of Service.
ED 328 269
- Iowa State Univ. of Science and Technology, Ames. Research Inst. for Studies in Education.**
Developmental Spelling and Other Language Predictors of Reading Achievement.
ED 327 815
- Iowa Univ., Iowa City. Science Education Center.**
Chemistry. Focus on Excellence, Volume 3, Number 2.
ED 328 405
Earth Science. Focus on Excellence, Volume 3, Number 3.
ED 328 406
Energy Education. Focus on Excellence, Volume 3, Number 1.
ED 328 404
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2.
ED 328 403
Science/Technology/Society. Focus on Excellence, Volume 1, Number 5.
ED 328 402
- Irvine Group, Vista, CA.**
- Renewing Undergraduate Education: Recommendations from the Irvine Group.
ED 328 194
- James Madison Univ., Harrisonburg, Va.**
A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant.
ED 328 532
- Japan Teachers Union, Tokyo.**
International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).
ED 328 500
- John D. and Catherine T. MacArthur Foundation, Chicago, IL.**
Public School Choice: An Equal Chance for All?
ED 327 917
Renewing Undergraduate Education: Recommendations from the Irvine Group.
ED 328 194
School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout.
ED 327 918
- John M. Olin Foundation, Inc., Alton, Ill.**
The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4.
ED 327 925
- Johnson O'Connor Research Foundation, New York, NY. Human Engineering Lab.**
Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Work-sample. Technical Report 1990-6.
ED 328 568
- Kansas State Univ., Manhattan. Rural Clearinghouse for Education and Development.**
Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce.
ED 328 392
- Kansas Univ., Lawrence. Dept. of Special Education.**
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report.
ED 328 054
- Kellogg Foundation, Battle Creek, Mich.**
The Origins and Rise of Associate Degree Nursing Education.
ED 328 154//
Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.
ED 328 656
- Kent State Univ., OH. Regional Campuses. Office of Academic Assessment and Evaluation Services.**
Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients.
ED 328 327
Regional Campuses New Freshmen Survey.
ED 328 329
Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.
ED 328 328
- Kentucky State Dept. for Human Resources, Frankfort. Dept. for Social Services.**
Let's Talk Independence: A Curriculum for Learning Communication Skills. Participant's Guide.
ED 327 904
Let's Talk Independence: A Curriculum for Teaching Communication Skills. Group Leader's Guide.
ED 327 903
- Kosrae Dept. of Education (Federated States of Micronesia).**
Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report.

- Laval Univ., Quebec (Quebec). International Center for Research on Bilingualism.**
Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173.
ED 328 065
- League of Women Voters Education Fund, Washington, D.C.**
America's Growing Dilemma: Pesticides in Food and Water.
ED 328 420//
U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide.
ED 328 421//
- Lesley Coll., Cambridge, Mass.**
Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4.
ED 328 450
Sorting: Groups and Graphs. Used Numbers: Grades 2-3.
ED 328 449
Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6.
ED 328 451
- Library of Congress, Washington, D.C. Network Development and MARC Standards Office.**
Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19.
ED 328 258
- Louisiana State Dept. of Education, Baton Rouge. Div. of Academic Programs.**
American History Guide, Bulletin 1599. Revised 1989.
ED 328 469
- Louisiana State Library, Baton Rouge.**
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995.
ED 328 261
- Macomb Community Coll., Warren, MI. Inst. for Future Studies.**
The Top Ten Educational Issues, 1991 Edition.
ED 327 939
- Maine State Dept. of Educational and Cultural Services, Augusta.**
Maine School Science Safety Guidelines.
ED 328 435
- Manhattan Inst. for Policy Research, New York, NY. Center for Educational Innovation.**
The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4.
ED 327 925
- Manitoba Hazardous Waste Management Corp., Winnipeg.**
Hazardous Waste Environmental Education Resource Kit for Manitoba Teachers: Suggested Activities K-12.
ED 328 432
- Manitoba Univ., Winnipeg. Faculty of Education.**
Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.
ED 327 845
- Maryland State Board for Community Colleges, Annapolis.**
Databook and Annual Report: Maryland Community Colleges.
ED 328 311
- Maryland State Dept. of Education, Baltimore. Div. of Instruction.**
Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide.
ED 327 653
- Maryland Univ., College Park. Counseling Center.**
A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90.
ED 328 165
White Student Attitudes about African American Students in a University Setting. Research Report #9-90.
ED 328 164
- Massachusetts Board of Library Commissioners, Boston.**
An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners.
ED 328 267
- Massachusetts State Dept. of Education, Quincy. Bureau of Research, Planning, and Evaluation.**
Dropout Rates in Massachusetts Public Schools: 1989.
ED 328 652
- Memphis State Univ., Tenn.**
Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM.
ED 328 655
- MetriTech Inc., MI.**
Current Issues and Research Findings in the Study of School Leadership. Project Report.
ED 327 946
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report.
ED 327 943
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form.
ED 327 911
Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report.
ED 327 950
School Culture, Motivation, and Achievement. Project Report.
ED 327 948
School "Culture," Motivation, and Achievement. Project Report.
ED 327 949
- Metropolitan Council of the Twin Cities Area, St. Paul, MN.**
The Case Management Team: Building Community Connections.
ED 327 993
It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.
ED 327 997
- Miami-Dade Community Coll., Fla. Office of Institutional Research.**
Analysis of Enrollment Growth, 1985 to 1989.
ED 328 320
Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990.
ED 328 323
CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R.
ED 328 334
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.
ED 328 321
Factors That Affect Success in Nursing. Research Report No. 89-28R.
ED 328 316
Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R.
ED 328 318
High School Preparation as Viewed by Students in Miami-Dade Community College English Classes.
ED 328 333
Profile of the Academically Underprepared Student at Miami-Dade Community College.
- Michigan Reading Association.**
Using Computers in Reading Instruction.
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- Michigan State Dept. of Education, Lansing.**
A Career Development Module for Standardized Group Testing. Career Guidance Project, 1988-1989.
ED 327 783
The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.
ED 327 744
- Michigan State Dept. of Natural Resources, Lansing.**
Great Lakes Education Booklet, 1990-1991.
ED 328 418
- Michigan State Univ., East Lansing. Cooperative Extension Service.**
Who Owns Your Land?
ED 328 379
- Michigan State Univ., East Lansing. Inst. for Research on Teaching.**
Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22.
ED 328 512
Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27.
ED 328 355
"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.
ED 328 511
- Michigan Univ., Ann Arbor. School of Education.**
Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report.
ED 327 950
A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report.
ED 327 944
The "Psychological Environment" of the School: A Focus for School Leadership. Project Report.
ED 327 954
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report.
ED 327 953
School Culture, Motivation, and Achievement. Project Report.
ED 327 948
School "Culture," Motivation, and Achievement. Project Report.
ED 327 949
Teachers Commitment and Job Satisfaction. Project Report.
ED 327 951
- Michigan Univ., Ann Arbor. Technical In-**

formation Design and Analysis Lab.

The Computerized Comprehensibility System.
Maintainer's Guide. Technical Report No. 33.
ED 328 222

Mid-America Vocational Curriculum Consortium, Stillwater, Okla.

Aquaculture. Teacher Edition. .
ED 327 657

Basics of Desktop Publishing. Teacher Edition.
ED 327 658

Exploring Aeronautics and Space Technology.
Teacher Edition.
ED 327 660

Exploring Technology Education. Second Edition.
Teacher Guide.
ED 327 655

Graphic Arts: Orientation, Composition, and Paste-Up. Teacher Guide.
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Graphic Arts: Process Camera, Stripping, and Platemaking. Teacher Guide.
ED 327 663

Graphic Arts: The Press and Finishing Processes.
Teacher Guide.
ED 327 661

Introduction to Natural Resources. Teacher Edition.
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Residential and Light Commercial HVAC.
Teacher Edition.
ED 327 659

Mid-Continent Regional Educational Lab., Inc., Denver, Colo.

Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite.
ED 328 225

Midlands Technical Coll., Columbia, SC.

Continuing Student Survey Results, Fall 1990.
ED 328 326

Ministry of Education, Taipei (Taiwan).

Educational Statistics of the Republic of China, 1990.
ED 328 564

Minnesota Governor's Planning Council on Developmental Disabilities, St. Paul.

Action: A Manual To Help You Organize. This Means War! And We Do Mean Business.
ED 327 994

The Case Management Team: Building Community Connections.
ED 327 993

Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota.
ED 327 991

How To Develop an Individual Plan. Instructor's Guide.
ED 327 999

How To Position People with Severe Disabilities. Instructor's Guide.
ED 328 001

It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.
ED 327 997

Policy Analysis Series. Issues Related to the Welsh Consent Decree. Volumes I and II.
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Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000

Read My Lips: It's My Choice...
ED 327 996

Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).
ED 327 995

Technological Adaptations To Increase Independence. Instructor's Guide.
ED 327 998

Minnesota State Board of Teaching, St. Paul.

Survey of Ohio Employers. Job Training Partnership Program Year 1988.
ED 327 640

Minnesota State Dept. of Education, St. Paul.

Classroom Instructional Design: Options for Teacher/Student Interaction.
ED 328 521

Minnesota State Dept. of Health, St. Paul.

Minnesota Health Statistics 1988.
ED 327 782

Minnesota State Planning Agency, St. Paul.

Action: A Manual To Help You Organize. This Means War! And We Do Mean Business.
ED 327 994

The Case Management Team: Building Community Connections.
ED 327 993

Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota.
ED 327 991

It's Never Too Early, It's Never Too Late. A Booklet about Personal Futures Planning for Persons with Developmental Disabilities, Their Families and Friends, Case Managers, Service Providers and Advocates.
ED 327 997

Policy Analysis Series. Issues Related to the Welsh Consent Decree. Volumes I and II.
ED 327 992

Read My Lips: It's My Choice...
ED 327 996

Minnesota Univ., Minneapolis. Inst. on Community Integration.

How To Develop an Individual Plan. Instructor's Guide.
ED 327 999

Positive Learning: An Alternative to Behavior Management. Instructor's Guide.
ED 328 000

Technological Adaptations To Increase Independence. Instructor's Guide.
ED 327 998

Minnesota Univ., Minneapolis. Research and Training Center on Community Living.

Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).
ED 327 995

Minnesota Univ., St. Paul. Dept. of Vocational and Technical Education.

Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report.
ED 328 058

Enhancing Teacher Performance in Spanish Elementary Classes. Volume Two: Translated Units. Final Report.
ED 328 059

Mississippi State Dept. of Education,

Jackson. Bureau of Instructional Services. Primary Guide for Instructional Planning.
ED 328 366

Mississippi Univ., Jackson. Early Childhood Leadership Inst.

Primary Guide for Instructional Planning.
ED 328 366

Missouri State Dept. of Elementary and Secondary Education, Jefferson City. Div. of Vocational and Adult Education.

Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 635

Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 637

Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 636

Missouri Univ., Columbia. Instructional Materials Lab.

Competency Index for Air Conditioning and Refrigeration Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 635

Competency Index for Building Trades Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 637

Competency Index for Graphic Arts Programs in Missouri. A Crosswalk of Selected Instructional Materials against Missouri's Competency Profile.
ED 327 636

Missouri Univ., Kansas City. Center for the Study of Metropolitan Problems in Education.

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools.
ED 327 830

Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary.
ED 327 829

Montclair State Coll., Upper Montclair, N.J.

Celebrating Diversity: A Global Approach to Literature and World Culture. Proceedings of the Conference (Montclair, New Jersey, March 10, 1989).
ED 327 857

Morgan Guaranty Trust Co., NY.

Playtime Is Science: Implementing a Parent/Child Activity Program.
ED 328 342

Mott (C.S.) Foundation, Flint, Mich.

School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout.
ED 327 918

MPR Associates, Berkeley, CA.

The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.
ED 328 618

Nanaimo School District #68 (British Columbia).

Steps to Maturity Program. Evaluation.
ED 327 764

National Academy of Sciences - National Research Council, Washington, DC. Commission on Physical Sciences, Mathematics, and Resources.

A Challenge of Numbers. People in the Mathematical Sciences.
ED 328 409

National Academy of Sciences - National Research Council, Washington, DC. Office of Scientific and Engineering Personnel.

On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering.
ED 328 146

National Aeronautics and Space Administration, Washington, DC. Scientific and Technical Information Branch.

Information Resources Management. A Bibliography with Indexes, 1984-1989. A Selection of Annotated References to Reports and Journal Articles Entered into the NASA Scientific and Technical Information System from 1984 through 1989.
ED 328 274

National Agricultural Library, Beltsville, MD.

Aqua-Topics. Aquaculture for Youth and Youth Educators.
ED 328 434

National Alliance of Business, Inc., Washington, D.C.

JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local

- Service Agencies. Executive Summary and Recommendations. ED 327 642
- National Archives and Records Service (GSA), Washington, DC. Archives Library Information Center.**
Administration of Preservation Programs in Archives. A Selective Bibliography. ALIC Bibliography 1990-4. ED 328 249
ALIC Acquisitions List Covering the Period October 1, 1989 to March 31, 1990. Volume 1990(1), Issue 9. ED 328 250
CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada. ED 328 247
CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3. ED 328 248
Disaster Planning. ALIC Bibliography 1990-1. ED 328 246
- National Association of Coll. and Univ. Attorneys, Washington, D.C.**
Regulating Racial Harassment on Campus: A Legal Compendium. ED 328 204
- National Association of Elementary School Principals, Alexandria, VA.**
Thinking about Thinking. ED 327 980
- National Association of Rehabilitation Facilities, Washington, DC.**
Consumer Choice and Satisfaction. NARF Technical Assistance Series. ED 328 019
Effective Management of Supported Employment. NARF Technical Assistance Series. ED 328 020
The Role of Voluntary Self-Assessment in Quality Assurance. NARF Technical Assistance Series. ED 328 021
- National Association of Secondary School Principals, Reston, Va.**
Curriculum Development. Instructional Leadership Series. ED 327 962
Teacher Selection and Induction. Instructional Leadership Series. ED 327 963
Teaching Styles. Instructional Leadership Series. ED 327 964
- National Association of Student Financial Aid Administrators, Washington, D.C.**
Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155
- National Cable Satellite Corp., Washington, DC.**
C-Span in the American Government Classroom. ED 328 477
- National Cancer Inst. (NIH), Bethesda, Md.**
Making Health Communication Programs Work. A Planner's Guide. ED 327 898
- National Center for Clinical Infant Programs, Arlington, VA.**
[Adoption]. ED 328 014
[Supporting Culturally Diverse Families with Infants and Toddlers]. ED 328 013
- National Center for Clinical Infant Programs, Washington, DC.**
[Infants and Toddlers]. ED 328 011
[Infants in Day Care]. ED 328 012
[Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 010
- National Center for Education Statistics (ED), Washington, DC.**
Academic Libraries: 1988. E.D. TABS. ED 328 255
Critical Policy and Research Issues for Early Childhood and Elementary Education. ED 328 341
Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report. ED 328 617
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 592
National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report. ED 328 615
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report. ED 328 618
State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report. ED 328 565
- National Center for Postsecondary Governance and Finance, College Park, MD.**
A Review of Literature on Higher Education Institutional Planning. ED 328 189
- National Center for School Leadership, Urbana, IL.**
Current Issues and Research Findings in the Study of School Leadership. Project Report. ED 327 946
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form. ED 327 911
Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report. ED 327 950
The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report. ED 327 945
A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report. ED 327 944
Principal Leadership: A Theoretical Framework for Research. Project Report. ED 327 952
The "Psychological Environment" of the School: A Focus for School Leadership. Project Report. ED 327 954
Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report. ED 327 953
School Culture, Motivation, and Achievement. Project Report. ED 327 948
School "Culture," Motivation, and Achievement. Project Report. ED 327 949
"School Culture," Student Ethnicity, and Motivation. Project Report. ED 327 947
Teachers Commitment and Job Satisfaction. Project Report. ED 327 951
- National Center for Science Education, Inc., Syosset, NY.**
Biology Textbooks 1990: The New Generation. ED 328 431
- National Center on Effective Secondary Schools, Madison, WI.**
A Study of Instruction as Discourse.
- ED 328 516
The Variable Effects of Tracking: Inequality and Productivity in American High Schools. ED 328 632
- National Commission for Employment Policy (DOL), Washington, D.C.**
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations. ED 327 642
- National Committee for Citizens in Education, Columbia, Md.**
Public School Choice: An Equal Chance for All? ED 327 917
- National Committee for Citizens in Education, Columbia, MD. ACCESS, The Information Clearinghouse about Public Schools.**
School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout. ED 327 918
- National Conference of State Legislatures, Denver, CO.**
Emerging Issues: A Survey of Education Committee Chairs. ED 327 920
- National Council for the Social Studies, Washington, D.C.**
Notable 1989 Children's Trade Books in the Field of Social Studies. ED 328 510
- National Council of Jewish Women, New York, N.Y.**
Highlights of the National Family Day Care Project. ED 328 346
- National Council of Suggestology, Paris (France).**
Suggestopedia: Activating the Student's Reserve Capacities. ED 328 057
- National Council of Teachers of English, Urbana, Ill.**
Grammar and the Teaching of Writing: Limits and Possibilities. ED 327 873
Writing and Sense of Self: Identity Negotiation in Writing Workshops. ED 327 874
- National Council of Teachers of Mathematics, Inc., Reston, Va.**
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4. ED 328 422//
How To Use the Spreadsheet as a Tool in the Secondary School Mathematics Classroom. ED 328 427//
Student Math Notes, January-November 1990. ED 328 426
- National Education Association, Washington, D.C.**
The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho. ED 328 131
- National Education Association, Washington, D.C. Dept. of Rural Education.**
Adjustments in Rural Education. ED 328 373
Child Development and the Tool Subjects in Rural Areas. Yearbook 1941. ED 328 371
Community Resources in Rural Schools. Yearbook 1939. ED 328 370
Conservation Education in Rural Schools. Yearbook. February 1943. ED 328 369
Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. RIE JUN 1991

Institution Index

Reports of Eight Regional Conferences of Agricultural and Educational Leaders. ED 328 374

Guidance in Rural Schools. Yearbook. February 1942. ED 328 372

Rural Education in the South. Bulletin of the Department of Rural Education. ED 328 375

National Education Association, Washington, D.C. Research Div. Business and the Reshaping of Public Education: In Its Own Image. ED 327 919

National Energy Education Development Project, Reston, VA. The Nation's Energy Education Report Card. ED 328 423

National Geographic Society, Washington, DC. Good Education and Good Entertainment. ED 328 223
Schools and National Telecommunications Policy. ED 328 224

National Governors' Association, Washington, D.C. Results in Education: 1990. The Governors' 1991 Report on Education. ED 327 969

National Historical Publications and Records Commission, Washington, DC. Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266

National Inst. for Work and Learning, Washington, D.C. Demographic and Economic Changes and Post-secondary Education. ED 328 111

Getting a Job in the Computer Age. ED 327 778
Improving Community Collaboration for Adult Literacy Programs in Maryland. A Training Guide. ED 327 653

National Institutes of Health (DHHS), Bethesda, Md. Minority High School Student Research Apprenticeship Program. ED 328 121

National Inst. on Disability and Rehabilitation Research (ED/OSERS), Washington, DC. Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49. ED 328 023

National Science Foundation, Washington, D.C. Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407

A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409

Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405

Earth Science. Focus on Excellence, Volume 3, Number 3. ED 328 406

Energy Education. Focus on Excellence, Volume 3, Number 1. ED 328 404

Measuring: From Paces to Feet. Used Numbers: Real Data in the Classroom. Grades 3-4. ED 328 450

Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403

NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192

On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146

Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408

Richmond Area Young Scholars Program. ED 328 120

Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402

Sorting: Groups and Graphs. Used Numbers. Grades 2-3. ED 328 449

Statistics: The Shape of the Data. Used Numbers: Real Data in the Classroom. Grades 4-6. ED 328 451

National Science Teachers Association, Washington, D.C. Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405

Cycles of Nature. An Introduction to Biological Rhythms. ED 328 446

Earth Science. Focus on Excellence, Volume 3, Number 3. ED 328 406

Energy Education. Focus on Excellence, Volume 3, Number 1. ED 328 404

Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403

Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402

National Security Agency, Washington, DC. A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409

National Urban League, Inc., New York, N.Y. Black Americans and Public Policy: Perspectives of the National Urban League. ED 328 651

National Urban League, Inc., Washington, D.C. Research Dept. The African American Woman. Runta (Truth). ED 328 638

The Price: A Study of the Costs of Racism in America. ED 328 650

Stalling Out: The Relative Progress of African Americans. ED 328 653

Stony the Road They Trod: The African American Male. Runta (Truth). ED 328 637

Native American Development Corp., Washington, DC. Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing. ED 328 389

Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385

Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help? ED 328 388

Nebraska Univ. Medical Center, Omaha. Meyer Children's Rehabilitation Inst. How To Position People with Severe Disabilities. Instructor's Guide. ED 328 001

Nebraska Univ., Omaha. Educational and Student Services. Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989. ED 328 173

Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results. ED 328 172

New York City Board of Education, N.Y.

275

Neilson Associates Pty. Ltd., Melbourne (Australia). Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book. ED 328 053

NETWORK, Inc., Andover, MA. Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture. ED 328 636

Nevada State Dept. of Education, Carson City. A Plan To Educate Nevada's Homeless Youth. ED 328 628

Nevada Univ., Reno. Research and Educational Planning Center. A Plan To Educate Nevada's Homeless Youth. ED 328 628

Nevada Univ. System, Reno. Articulation Board. Strengthening Student Transfer and Articulation within the University of Nevada System. ED 328 330

New Brunswick Univ., Fredericton. Atlantic Science Curriculum Project. Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4. ED 328 462

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459

Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3. ED 328 461

Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2. ED 328 460

New Hampshire Vocational Technical Coll., Nashua. Tractor Trailer Driver's Training Programs. Performance Report. ED 327 698

New Jersey Governor's Office, Trenton. The New Jersey Governor's Commission on Eastern European and Captive Nation History Report. ED 328 470

New Jersey Governor's Teacher Grant Program, Trenton. Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128

New Jersey State Dept. of Education, Trenton. Div. of Adult Education. Workplace Literacy Partnerships Program. Final Performance Report. ED 327 634

New Jersey State Dept. of Education, Trenton. Div. of General Academic Education. Developing Literacy: Grades 4-6 and Beyond. ED 327 878

New World Foundation, New York, N.Y. School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout. ED 327 918

New York City Board of Education, Brooklyn, NY. Office of Research, Evaluation, and Assessment. Project STARS. 1989-90. OREA Report. ED 327 729

New York City Board of Education, N.Y. Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition. ED 328 626

New York Community Trust, N.Y.

Playtime Is Science: Implementing a Parent/Child Activity Program.

ED 328 342

New York State Education Dept., Albany.

Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition.

ED 328 292

Energy and Safety: Science Activities for Elementary Students, Level I (Grades K-2).

ED 328 410

Energy and Safety: Science Activities for Elementary Students, Level II (Grades 3-4).

ED 328 411

Energy and Safety: Science Activities for Elementary Students, Level III (Grades 5-6).

ED 328 412

New York State Education Dept., Albany.**Bureau of Curriculum Development.**

Three-Year Sequence for High School Mathematics: Course I.

ED 328 442

New York State Education Dept., Albany.**Office of Elementary and Secondary Education Planning, Testing, and Technological Services.**

Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State.

ED 328 232

New York State Library, Albany. Div. of Library Development.

The New York State Program for the Conservation and Preservation of Library Research Materials. Discretionary Grant Application Workbook.

ED 328 281

New Zealand Council for Educational Research, Wellington.

Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48.

ED 327 722

Coming and Going: Forty Years of the Fulbright Programme in New Zealand.

ED 328 149

The Computer as a Diagnostic Tool in Mathematics. Final Report—November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13.

ED 328 463

Dropout in Technician Engineering Courses. An Exploratory Study of Dropout from New Zealand Certificate in Engineering Courses.

ED 327 725

Junior School Class Size: Where Are We Now? Item 8. Set Number One.

ED 328 362

Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50.

ED 328 360

More Teachers, Fewer Pupils: A Study of the 1:20 Teacher-Pupil Ratio Policy in the Junior School.

ED 327 967

Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2.

ED 328 581

Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988).

ED 328 359

Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988).

ED 327 724

The Readability of Trade Examinations.

ED 327 726

Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.

ED 328 585

Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.

ED 328 579

Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing.

ED 328 361

Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.

ED 328 580

New Zealand-United States Educational Foundation.

Coming and Going: Forty Years of the Fulbright Programme in New Zealand.

ED 328 149

North American Association for Environmental Education, Troy, OH.

Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII.

ED 328 441

North Carolina State Dept. of Public Instruction, Raleigh. Div. of Accountability Services/Research.

How North Carolina Ranks Educationally among the Fifty States-1990.

ED 328 583

North Carolina Test of U.S. History. Technical Characteristics. Forms A-J.

ED 328 498

Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume I. End of Course Testing.

ED 328 572

North Carolina State Dept. of Public Instruction, Raleigh. Div. of Media Evaluation Service.

Advisory List of Computer Courseware. December 1990.

ED 328 240

Index to Courseware on Advisory Lists: January 1986-November 1990.

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cational Education Know-How.

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Report. January 1, 1989-June 30, 1990.

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sion: A Discussion of the Policy Issues. Summary
of the Proceedings of a Seminar. Attracting Excel-
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tors in the Northeast: A Northeast Regional Cre-
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Working Group of the Northeast Common Mar-
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ing the Journey. Video Conference 7. Restructur-
ing To Promote Learning in America's Schools. A
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Started. Video Conference 6. Restructuring To
Promote Learning in America's Schools. A
Guidebook.

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To Promote Learning in America's Schools. A
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Schools. Video Conference 4. Restructuring To
Promote Learning in America's Schools. A
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ing To Promote Learning in America's
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velopment for Rural, Small Schools.

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ences in Instructional Leadership, School Culture,
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hance the Teaching Profession: A Discussion of
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Teacher Incentives Series.

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A Focus for School Leadership. Project Report.

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The Computerized Comprehensibility System. Maintainer's Guide. Technical Report No. 33. ED 328 222
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The Rural Career Assistance Program: An Implementation Guide.

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Intelligent Computer-Aided Instruction and

RIE JUN 1991

Public Broadcasting Service, Washington,

279

sical Performance Skills. CITE Report No. 18.

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Div. of Vocational Technical Education.

Parenthood Education Curriculum 1990.

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- The New Definition of Learning: The First Step to School Reform. Video Conference 1. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 929
- Reconnecting Students at Risk to the Learning Process. Video Conference 9. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 937
- Schools as Learning Communities. Video Conference 5. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 933
- The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools, A Guidebook. ED 327 930
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- Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
- Queensborough Community Coll., Bayside, N.Y.**
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- School of External Studies and Continuing Education**
- Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5. ED 328 236
- Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12. ED 328 239
- Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1. ED 328 235
- The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237
- A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10. ED 328 238
- Rand Corp., Santa Monica, Calif.**
- Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407
- Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note. ED 328 625
- Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408
- Trends in the Postsecondary Enrollment of Minorities. ED 328 112
- Regional Drug Initiative, Portland, OR.**
- Drug Impact Index. ED 327 775
- Regional Laboratory for Educational Improvement of the Northeast & Islands, Andover, MA.**
- Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture. ED 328 636
- Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market. ED 327 940
- Rehabilitation Services Administration (ED), Washington, DC.**
- Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989. ED 328 026
- Research for Better Schools, Inc., Philadelphia, Pa.**
- The Education of Minority Students in Non-Urban Schools. ED 328 634
- Teacher Expectations and Low-Achieving Students. ED 328 627
- Research Triangle Inst., Research Triangle Park, N.C.**
- Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students. ED 328 066
- Richland School District 400, Wash.**
- Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How. ED 327 734
- Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990. ED 327 735
- Robert Schalkenbach Foundation, Inc., New York, NY.**
- Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction]. ED 328 495
- Rockefeller Foundation, New York, N.Y.**
- Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families. ED 328 643
- Rockland Community Coll., Suffern, N.Y.**
- Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292
- Rutgers, The State Univ., New Brunswick, NJ. School of Communication, Information, and Library Studies.**
- Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project. ED 328 268
- Saginaw Public Schools, Mich. Dept. of Evaluation Services.**
- Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990. ED 328 037
- Saint Paul Technology for Literacy Center, MN.**
- Computer Speech Devices for Adult Literacy Skills. Final Report. ED 327 694
- San Diego State Univ., CA. Univ. Library.**
- Library Research Guide for International Students. 2nd Edition. ED 328 280
- San Francisco Foundation, Calif.**
- Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families. ED 328 643
- San Francisco State Univ., Calif.**
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- Scottish Community Education Council, Edinburgh.**
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- Scottish Council for Research in Education.**
- Planning Small-Scale Research. SCRE Spotlights, 27. ED 328 543
- Smith Richardson Foundation, Inc., Greensboro, N.C.**
- The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes. ED 328 340
- Society for College Science Teachers.**
- Innovations in College Science Teaching. ED 328 437
- South Atlantic Regional Resource Center, Plantation, FL.**
- A Curriculum Framework for Secondary-Aged Handicapped Students. ED 328 039
- South Carolina State Dept. of Education, Columbia.**
- The South Carolina Framework for Drama/Theater Education. ED 327 889
- South Carolina State Dept. of Education, Columbia. Div. of Public Accountability.**
- The Exit Exam. ED 328 616
- Five Years Later: A Look at the EIA Investment. ED 328 601
- What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984. ED 328 602
- South Carolina State Dept. of Education, Columbia. Office of General Education.**
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- South Carolina State Dept. of Education, Columbia. Office of Instructional Technology.**
- Annual Report, 1989-1990. ED 328 242
- South Carolina State Dept. of Education, Columbia. Office of Research.**
- Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series. ED 328 600
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- Educational Trends in South Carolina. Office of Research Report Series. ED 328 598
- Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition. RIE JUN 1991

- Report on the Implementation of the Basic Skills Assessment Program 1989-90. ED 328 596
- South Carolina Basic Skills Assessment Program, 1989-1990 Results. ED 328 597
- South Carolina State Dept. of Education, Columbia. Office of Vocational Education. South Carolina Guide for Child Development. ED 328 599
- Southeastern Educational Improvement Lab., Research Triangle Park, NC. An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update. ED 328 551
- Southeastern Library Association, Tucker, Ga. The Role of Information in the Economy of the Southeast. ED 328 284
- Southeastern Library Network, Inc., Atlanta, Ga. The Role of Information in the Economy of the Southeast. ED 328 284
- Southern Arkansas Univ., Magnolia. BSIT Program: A Non-Traditional Learning Opportunity. ED 328 123
- Southern Regional Education Board, Atlanta, Ga. Educational Benchmarks, 1990. ED 327 924
- Racial Issues on Campus: How Students View Them. ED 328 180
- Southern Rural Development Center, Mississippi State, Miss. Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia). ED 328 376
- Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990). ED 328 382
- Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989). ED 328 380
- Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381
- Who Owns Your Land? ED 328 379
- Southwest Educational Development Lab., Austin, Tex. Patterns for Country Stars: Systematic Staff Development for Rural, Small Schools. ED 328 399
- Southwest Educational Research Association. Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990). ED 328 577
- Southwest Missouri State Univ., Springfield. How Advisers View Changes in the High School Press in the Post-Hazelwood Era. ED 327 877
- Special Education Programs (ED/OS-ERS), Washington, DC. A Curriculum Framework for Secondary-Aged Handicapped Students. ED 328 039
- Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps. ED 328 002
- Implementation Strategies for Integration. An Administrator's Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps. ED 328 003
- Special Education Programs (ED/OS-ERS), Washington, DC. Handicapped Children's Early Education Program. Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School. ED 328 004
- Spencerport Central Schools, N.Y. More Effective Schools/Teaching Project. Seventh Annual Report. ED 328 524
- State Univ. of New York, Albany. Atmospheric Science Research Center. Energy and Safety: Science Activities for Elementary Students, Level I (Grades (K-2)). ED 328 410
- Energy and Safety: Science Activities for Elementary Students, Level II (Grades (3-4)). ED 328 411
- Energy and Safety: Science Activities for Elementary Students, Level III (Grades (5-6)). ED 328 412
- State Univ. of New York, Albany. Central Staff Office of Institutional Research. Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91. ED 328 143
- State Univ. System of Florida, Tallahassee. Board of Regents. Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida. ED 328 168
- Strathclyde Univ. (Scotland). Dept. of Statistics and Modelling Science. Higher and Higher Education. ED 328 186
- Participation in Post-Compulsory Schooling in Scotland. ED 328 185
- Syracuse Univ., N.Y. School of Education. A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988. ED 328 528
- Tasmanian Education Dept., Hobart (Australia). Children and Books. Children and Language Series. ED 327 852
- Developing a Language Program. Children and Language Series. ED 327 849
- A Framework for Speech and Drama: An Introduction to Speech and Drama from Kindergarten to Lower Secondary. ED 327 886
- Good Practices: A Selection. Tasmanian Government Schools and Secondary Colleges 1984-87. ED 327 976
- Parents, Children and Language. Children and Language Series. ED 327 851
- A School Is a Language Place. Children and Language Series. ED 327 850
- Teaching Students How To Learn: Ideas for Teaching Information Skills. ED 327 811
- Understanding Reading and Writing. Children and Language Series. ED 327 853
- Tennessee State Dept. of Education, Nashville. The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990). ED 328 356
- Tennessee State Univ., Nashville. Center of Excellence: Basic Skills. The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990). ED 328 356
- Tennessee Valley Authority, Knoxville. Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381
- Texas Education Agency, Austin. Div. of Special Education. Special Education: Parent and Student Rights. [Updated.] ED 328 022
- Texas Higher Education Coordinating Board, Austin. The Annual Minority Recruitment and Retention Conference Proceedings (6th, Austin, Texas, April 4-6, 1990). ED 328 179
- Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. ED 328 187
- Texas State Dept. of Human Services, Austin. Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report. ED 328 352
- Texas State Legislature, Austin. House Research Organization. Wrap-Up of the 1990 Special Sessions on Public Education. House Research Organization Special Legislative Report, Number 160. ED 327 942
- Toledo Public Schools, Ohio. Industrial Automation Mechanic Model Curriculum Project. Final Report. ED 327 693
- Triton Coll., River Grove, Ill. Review of Evaluation Procedures Used in Project POWER. ED 327 645
- Union Inst., Washington, DC. Center for Public Policy. Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas. ED 328 657
- Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas. ED 328 656
- United Hospital Fund of New York, N.Y. Homeless People and Health Care: An Unrelenting Challenge. ED 328 648
- United Nations Children's Fund, New York, N.Y. Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report. ED 328 337
- Environmental Education in the Developing World. ED 328 439
- United Nations Educational, Scientific and Cultural Organization, Bangkok (Thailand). Principal Regional Office for Asia and the Pacific. Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989). ED 328 505

United Nations Educational, Scientific, and Cultural Organization, Hamburg (West Germany). Inst. for Education.
Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5.

ED 327 671//

United Nations Educational, Scientific, and Cultural Organization, Paris (France).
Essentials of Educational Psychology.

ED 328 467

Meeting of National Specialists on the Conditions Governing the Schooling of the Children of Mobile Populations. Final Report (Conflans-Sainte-Honorine, France, September 11-15, 1989).

ED 328 394

Special Education in Tanzania: Project Findings and Recommendations. Terminal Report.

ED 328 040

UNESCO and Africa.

ED 328 490

United Nations Educational, Scientific, and Cultural Organization, Paris (France).
Div. of Science, Technical and Environmental Education.

An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education.

ED 328 440

United Negro College Fund, Inc., New York, N.Y.

1990 Statistical Report.

ED 328 117

University Council for Educational Administration, Manhattan, KS. Center for Education Finance.
Methods of Financing Educational Facilities in the United States.

ED 327 916

University of Northern Colorado, Greeley.
Teacher Induction Partnerships Program.

ED 328 124

Urban Strategies Council, Oakland, CA.
Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.

ED 328 643

Victoria Dept. of Community Services, Melbourne (Australia). Office of Intellectual Disability Services.

Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book.

ED 328 053

Virginia Commonwealth Univ., Richmond. Coll. of Humanities and Sciences.
Minority High School Student Research Apprenticeship Program.

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Virginia Commonwealth Univ., Richmond. Dept. of Mathematical Sciences.
Richmond Area Young Scholars Program.

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Virginia Commonwealth Univ., Richmond. Dept. of Physics.
Promoting Fun in Physics.

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Virginia Commonwealth Univ., Richmond. Dept. of Psychology.
Athletes Coaching Teens (ACT) for Substance Abuse Prevention.

ED 328 119

Project GOLD (Garfield Options for Leadership Development).

ED 328 118

Virginia Univ., Charlottesville. School of Education.
A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant.

ED 328 532

Vocational Training Council, Wellington (New Zealand).

Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988).

ED 327 724

Washington Office of the State Superintendent of Public Instruction, Olympia.

Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance.

ED 328 575

Westat, Inc., Rockville, MD.

NSP's Presidential Young Investigators Program: A Study of the First Two "Classes."

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Westchester Community Coll., Valhalla, N.Y.

Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition.

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Western Center for Drug-Free Schools and Communities.

The Case for Peers.

ED 327 755

A Consumer's Guide to Alcohol and Other Drug Surveys.

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Developing a Community Profile: A Handbook for Using Pre-existing Data in Prevention Planning.

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Drug Impact Index.

ED 327 775

A Guide to Expanding School-Based Prevention.

ED 327 941

Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide.

ED 327 753

Western Michigan Univ., Kalamazoo. Office of Instructional Development and Univ. Assessment.

Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990.

ED 328 132

Who's Who among American High School Students, Lake Forest, IL.

21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens.

ED 328 171

William and Flora Hewlett Foundation, Palo Alto, Calif.

Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.

ED 328 643

William Rainey Harper Coll., Palatine, Ill. Office of Planning and Research.

Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.

ED 328 297

Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7.

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Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.

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Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7.

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Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11.

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Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8.

ED 328 301

Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2.

ED 328 306

Longitudinal Study of Performance of Students

Entering Harper College, 1977-1988. Volume XVIII, No. 9.

ED 328 302

Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5.

ED 328 299

Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3.

ED 328 307

Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4.

ED 328 298

Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4.

ED 328 308

Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2.

ED 328 296

Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5.

ED 328 309

UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.

ED 328 303

William T. Grant Foundation, Washington, DC. Commission on Work, Family, and Citizenship.

Training for Work: What the U.S. Can Learn from Europe.

ED 327 641

Winnipeg Univ. (Manitoba).

Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg.

ED 328 148

Wisconsin Center for Education Research, Madison.

A Study of Instruction as Discourse.

ED 328 516

Wisconsin State Dept. of Public Instruction, Madison.

Classroom Drama and Theatre: A Guide to Curriculum Planning.

ED 328 513

A Guide to Curriculum Planning in Arts for EEN [Exceptional Educational Needs] Students. Bulletin No. 0410.

ED 328 038

Wisconsin Univ., Madison.

The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans.

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The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics.

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The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians.

ED 328 032

The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans.

ED 328 033

Wisconsin Univ., Stevens Point. Coll. of Natural Resources.

International Resource Management.

ED 328 127

World Bank, Washington, D. C.

A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.

ED 328 560

University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985).

ED 328 559

World Confederation of Organizations of the Teaching Profession, Morges (Switzerland).

International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).

ED 328 500

Teachers and National Development with Special Reference to Family Life Education.

ED 328 517

Teachers' Views on World Issues: A Digest of the Policies of WCOTF.

ED 328 499

World Health Organization, Copenhagen

(Denmark). Regional Office for Europe.

Continuing Education for Change. WHO Regional Publications, European Series, No. 28.

ED 327 639

World Rehabilitation Fund, Inc., New

York, NY.

Psychosocial Rehabilitation and Mental Illness: Views from Africa, India, Asia and Australia. Monograph Series, Number 49.

ED 328 023

Worldwatch Inst., Washington, D.C.

Discarding the Throwaway Society. Worldwatch Paper 101.

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The Global Politics of Abortion. Worldwatch Paper 97.

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Wright State Univ., Dayton, Ohio.

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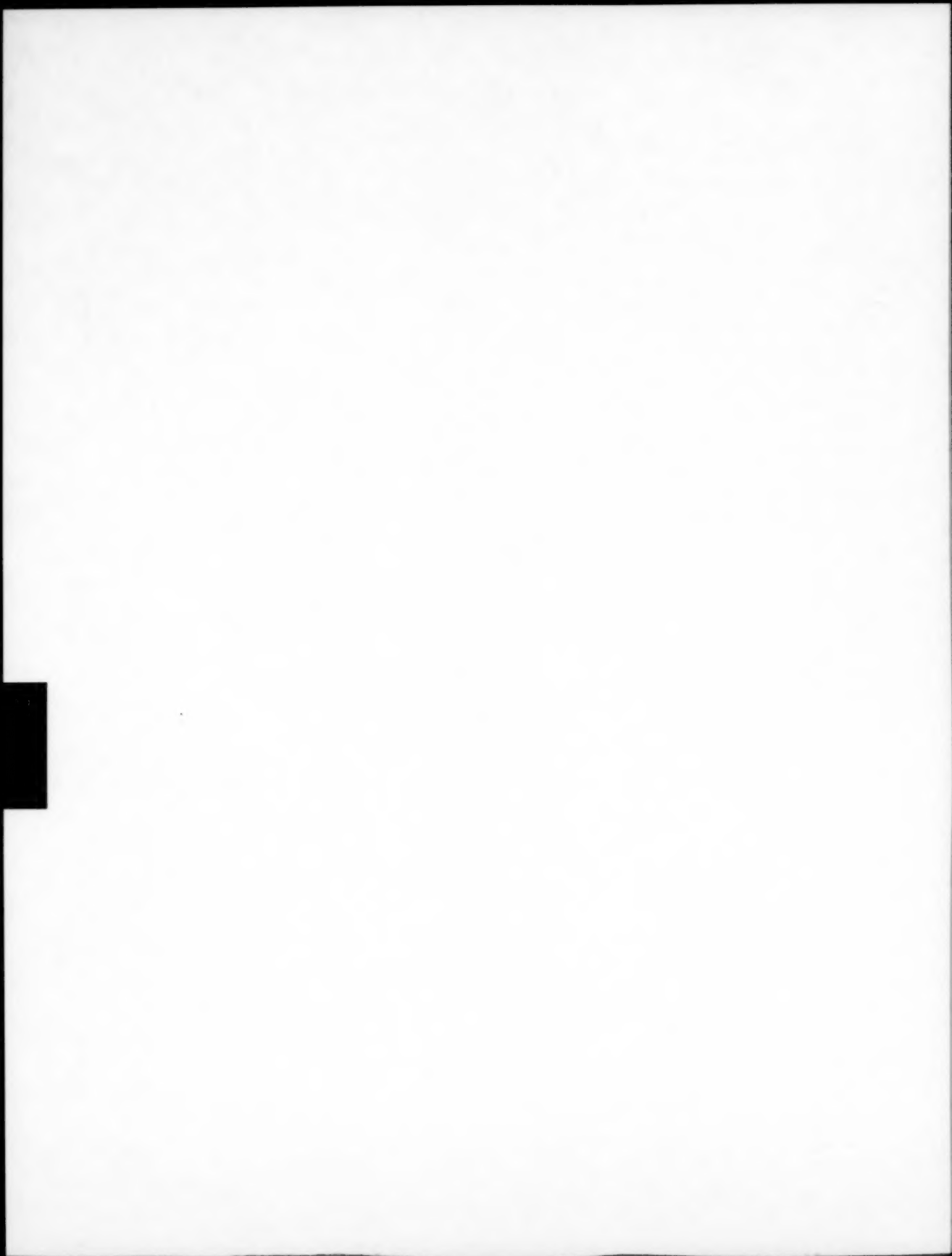
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Yale Univ., New Haven, Conn. Bush Center

in Child Development and Social Policy.

Collaborations in Action: Reshaping Services for Young Children and Their Families.

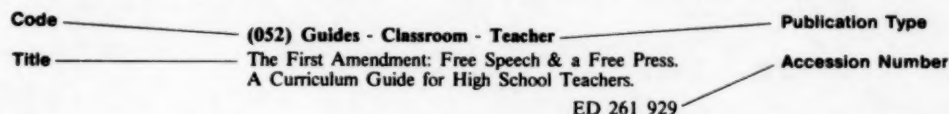
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021	— Conference Proceedings	101	— Computer Programs
022	— Serials	102	— Machine-Readable Data Files (MRDF)
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	DISSERTATIONS/THESES	120	VIEWPOINTS (Opinion Papers, Position Papers, Essays, etc.)
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041	— Doctoral Dissertations	130	— General
042	— Masters Theses	131	— Bibliographies
043	— Practicum Papers	132	— Directories/Catalogs
	GUIDES	133	— Geographic Materials
050	— General	134	— Vocabularies/Classifications/Dictionaries
	— Classroom Use		REPORTS
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052	— Teaching Guides (For Teacher)	141	— Descriptive
055	— Non-Classroom Use (For Administrative & Support Staff, and for Teachers, Parents, Clergy, Researchers, Counselors, etc. in Non-Classroom Situations)	142	— Evaluative/Feasibility
		143	— Research/Technical
060	HISTORICAL MATERIALS	150	SPEECHES, CONFERENCE PAPERS
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072	— Book/Product Reviews	171	— Multilingual/Bilingual Materials

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Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48.

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Basic Communication Course Annual. Volume 2.

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Basic Communication Course Annual. Volume 2.

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Basic Course Communication Annual. Volume 1.

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Black Students: Psychosocial Issues and Academic Achievement.

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Building Bridges of Learning and Understanding: A Collection of Classroom Activities on Puerto Rican Culture.

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Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4.

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Educational Evaluation: Ethnography in Theory, Practice, and Politics.

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Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.

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The Integration of Marketing in Post-Secondary Vocational Education.

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Research on the Communication Development of Young Children with Deaf-Blindness.

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(021) Collected Works - Proceedings

Agriculture and Community Development Interface. Joint Meeting of the Southern Region State Leaders for Agriculture and Natural Resources and Community Resource Development Proceedings (October 8-11, 1989, Williamsburg, Virginia).

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The Annual Minority Recruitment and Retention Conference Proceedings (6th, Austin, Texas, April 4-6, 1990).

ED 328 179
Beyond Bibliographic Data: Proceedings of the Library of Congress Network Advisory Committee Meeting (Washington, D.C., March 29-31, 1989). Network Planning Paper No. 19.

ED 328 258
Celebrating Diversity: A Global Approach to Literature and World Culture. Proceedings of the Conference (Montclair, New Jersey, March 10, 1989).

ED 327 857
The Challenge of Education: No Time To Waste,

No Room, for Failure.

ED 328 633
Choosing Better Schools: The Five Regional Meetings on Choice in Education.

ED 327 975
Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.

ED 327 676
The Coordinated Implementation of National and State-by-State Reform in School Mathematics.

ED 328 433//
Corporate Education Endeavors. Proceedings of the Conference of the University/Urban Schools National Task Force, (12th, Rancho Mirage, California, November 30-December 1, 1990).

ED 328 645
Diplomas or Dropout Statistics: Alternatives for At-Risk Students. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).

ED 328 576
Early Child Development. Innocenti Global Seminar (Florence, Italy, June 12-30, 1989). Summary Report.

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Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders.

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ED 327 959
Institutional Research: Coming of Age. General Session Presentations [at the] Annual Forum [of the] Association for Institutional Research (30th, Louisville, Kentucky, May 13-16, 1990).

ED 328 184
International Symposium on Disarmament Education: A Report. Proceedings from a World Confederation of Organizations of the Teaching Profession and Japan Teachers Union Symposium (Hiroshima, Japan, October 25-29, 1982).

ED 328 500
Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990.

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Managing Instruction for Equity and Excellence: Effective Alternatives to Tracking. Teleconference Resource Guide.

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Meeting of National Specialists on the Conditions Governing the Schooling of the Children of Mobile Populations. Final Report (Conflans-Sainte-Honorine, France, September 11-15, 1989).

ED 328 394
Objectives in Early Childhood Education: Seminar Proceedings (Wellington, New Zealand, October 1988).

ED 328 359
Perspectives on Asia's Futures II. Report of a Seminar under Major Programme I: Reflection on World Problems and Future-Oriented Studies (2nd, Bangkok, Thailand, April 11-14, 1989).

ED 328 505
Proceedings of a Seminar on Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Attracting Excellence: Call for Teacher Incentives Series.

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Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988).

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The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes.

ED 328 340
Research, Classroom Practice, Programs. Improving the Odds: Helping ESL Students Succeed. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1987).

ED 328 069
Research in Education of the Handicapped. Pro-

Publication Type Index

ceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989).

ED 327 987
Restructuring Training and Education through Technology. Proceedings of the Annual Conference of the Association for the Development of Computer-Based Instructional Systems (32nd, San Diego, California, October 29-November 1, 1990).

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Revitalizing the Rural South. Extension's Role in Enhancing the Quality of Life. Proceedings of a Regional Conference (Birmingham, Alabama, January 16-18, 1990).

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The School-to-Work Connection.

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Self Determination National Conference (Arlington, Virginia, January 9-10, 1989).

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Southern Extension Water Training Workshop: Actions for Working Together. Proceedings of a Regional Conference (Birmingham, Alabama, November 13-15, 1989).

ED 328 380
Statewide Testing in Texas. A Symposium Presented at the Annual Meeting of the Southwest Educational Research Association (Austin, Texas, January 25-27, 1990).

ED 328 577
Students, Texts, Contexts: Research and Practice in ESL Instruction. Selected Papers from the CUNY ESL Council Conference (New York, New York, February 1986).

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Telecommunications in Education: Learners and the Global Village. Proceedings of the International Symposium on Telecommunications in Education (Jerusalem, Israel, August 21-24, 1989).

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Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990).

ED 328 381
University Examinations and Standardized Testing: Principles, Experience, and Policy Options. World Bank Technical Paper Number 78. Proceedings of a Seminar on the Uses of Standardized Tests and Selection Examinations (Beijing, China, April 1985).

ED 328 559

(022) Collected Works - Serials

Addressing Employer Services.

ED 327 681

[Adoption].

ED 328 014
The African American Woman. Runta (Truth).

ED 328 638

ALBSU: Adult Literacy & Basic Skills Unit Newsletter. No. 36-39.

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Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989.

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Bibliographic Instruction in Indiana.

ED 328 259

Caring for Iowa's Children.

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Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report.

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Emerging Issues: A Survey of Education Committee Chairs.

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Employment Services Needs of Veterans.

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The Exit Exam.

ED 328 616

[Infants and Toddlers].

ED 328 011

[Infants in Day Care].

ED 328 012

Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990.

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- Student Math Notes, January-November 1990. ED 328 637
- [Supporting Culturally Diverse Families with Infants and Toddlers]. ED 328 426
- Testing. ED 328 013
- Thinking about Thinking. ED 328 613
- To Hold in Trust. ED 327 980
- [Training Practitioners to Work with Infants, Toddlers and Their Families]. ED 328 193
- Unemployment Insurance. Maintaining the Foundation of Economic Security. ED 328 010
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- Strategies and Policies in Employee Assistance Programs. ED 327 772
- Toru Matsumoto's "Think in English" Approach. ED 328 080
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(052) Guides - Classroom - Teacher

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Publication Type Index

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Great Decisions '86. ED 328 474
Great Lakes Education Booklet, 1990-1991. ED 328 418
Great Minds? Great Lakes! ED 328 455
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Technological Adaptations To Increase Independence. Instructor's Guide. ED 327 998
Thanksgiving: A Resource Guide. An Indian Education Curriculum Unit. ED 328 393
Thinking and the Teaching of Thinking for Children. ED 328 345
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Instructional Exchange. Volume 1, Number 1-6, September 1989-March 1990.

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ED 328 526

Planning Small-Scale Research. SCORE Spotlights, 27.

ED 328 543

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School Officials and the Courts: Update 1990. ERS Monograph.

ED 327 979//

Schools as Learning Communities. Video Conference 5. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 933

Schools for the Twenty-First Century.

ED 327 955

School System Administration: A Strategic Plan for Site-Based Management.

ED 327 921//

Selecting a Superintendent.

ED 327 926

Sewing: Easier with Adaptations. PAM Repeater, No. 54.

ED 328 017

The South Carolina Framework for Drama/Theater Education.

ED 327 889

Special Education: Parent and Student Rights. [Updated.]

ED 328 022

Spelling in the Context of Current Approaches to Language.

ED 327 847

Student Leadership in Forensic Programs.

ED 327 902

Students with Disabilities: A Guide for Faculty and Staff.

ED 328 107

Suggestopedia: Activating the Student's Reserve Capacities.

ED 328 057

The Superintendency in the Nineties: What Superintendents and Board Members Need To Know.

ED 327 922//

Teacher Selection and Induction. Instructional Leadership Series.

Publication Type Index

ED 327 963

Teaching Styles. Instructional Leadership Series.

ED 327 964

Technology Planning for Improving Schools. Ideas and Resources for Educators in New York State.

ED 328 232

The Thinking Curriculum. Video Conference 2. Restructuring To Promote Learning in America's Schools, A Guidebook.

ED 327 930

Training Student Organizers Curriculum, Revised Edition.

ED 328 424

Understanding Reading: What Do I Do on Monday? Reading Comprehension Workshop Leader's Guide.

ED 327 817

Using Computers in Reading Instruction.

ED 327 810

Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures.

ED 327 859

White Paper on School-Lunch Nutrition.

ED 328 538

Women and Tenure: The Opportunity of a Century.

ED 328 489

Word History: A Guide to Understanding the English Language.

ED 327 856

Workplace Education. Tapping Your Greatest Asset in the 1990s. A Handbook on Education in the Workplace.

ED 327 689

(060) Historical Materials

Adjustments in Rural Education.

ED 328 373

Child Development and the Tool Subjects in Rural Areas. Yearbook 1941.

ED 328 371

Community Resources in Rural Schools. Yearbook 1939.

ED 328 370

Conservation Education in Rural Schools. Yearbook. February 1943.

ED 328 369

The Development of Higher Education and Social Change: An Ethiopian Experience. African Series 2.

ED 328 160//

Farm Leaders and Teachers Plan Together. What Agricultural Leaders Want the Schools To Teach. Reports of Eight Regional Conferences of Agricultural and Educational Leaders.

ED 328 374

The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7.

ED 328 237

Guidance in Rural Schools. Yearbook. February 1942.

ED 328 372

The Industrial Revolution. Land and Freedom-Issues in World History.

ED 328 494

It's Up to You. Women at UBC in the Early Years.

ED 328 147//

Jesse Jackson: Still Fighting for the Dream.

ED 328 660//

Land and Freedom-Issues in World History.

ED 328 496

Land and Freedom [Twenty Lessons for High School American Studies Classroom Instruction].

ED 328 495

Martin Luther King, Jr.: The Dream of Peaceful Revolution.

ED 328 661//

The Price: A Study of the Costs of Racism in America.

ED 328 650

Rural Education in the South. Bulletin of the Department of Rural Education.

ED 328 375

The Training of Teacher-Librarians-Paving the Way.

ED 328 289

Who Owns Your Land?

ED 328 379

RIE JUN 1991

- Word History: A Guide to Understanding the English Language. ED 327 856
- (070) Information Analyses - General
- Access through Innovation: New Colleges for New Students. Continuing Higher Education Series. ED 328 178//
- Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392
- Alternative Models for Integration of Exceptional Students: Administrative and Research Implications. ED 328 041
- The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities. ED 327 774
- Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4. ED 328 213
- The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459
- Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement. ED 327 957
- Broken Pledges: The Deadly Rite of Hazing. ED 328 136//
- Campus Child Care: Diverse and Changing. ED 328 344
- The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137
- A Challenge of Numbers. People in the Mathematical Sciences. ED 328 409
- Communication Techniques for Individual and Organizational Coping with Job Burnout. ED 327 896
- The Confidentiality Rights of HIV-Infected Individuals within a School. ED 327 915
- Copyright and Preservation: A Serious Problem in Need of a Thoughtful Solution. ED 328 263
- Counseling and Guidance for Gifted Underachievers. ED 328 051
- Critical Policy and Research Issues for Early Childhood and Elementary Education. ED 328 341
- Disciplinary Views of Corresponding Elementary School Subjects. Elementary Subjects Center Series No. 27. ED 328 355
- Early Childhood Education for At-Risk Children: A National Perspective. ED 328 367
- Educational Benchmarks, 1990. ED 327 924
- Education in Latin America-Comparative. ED 328 504
- Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1. ED 328 133
- Gifted Learning Disabled and Gifted Underachievers: Similarities and Differences. ED 328 050
- A Guide to the Employment Section of the Americans with Disabilities Act 1990. ED 327 748
- Higher Education and Adult Demography. ED 328 139
- Information Retrieval in Multimedia Sources in an Electronic Age. ED 328 275
- Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85. ED 328 220
- Interpretation of Student Data: Contextual Variables and Cultural Implications. ED 328 166
- Junior School Class Size: Where Are We Now? Item 8. Set Number One. ED 328 362
- Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report. ED 327 950
- Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 328 294//
- Life with the SAT: Assessing Our Young People and Our Times. ED 328 622//
- Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61. ED 328 217
- More Teachers, Fewer Pupils: A Study of the 1:20 Teacher-Pupil Ratio Policy in the Junior School. ED 327 967
- On Time to the Doctorate. A Study of the Increased Time To Complete Doctorates in Science and Engineering. ED 328 146
- Planning for Quality: Perils and Possibilities. ED 328 188
- The Practices of Teachers Who Develop Exemplary Science Programs. ED 328 416
- Pre-College Science and Mathematics Teachers: Supply, Demand, and Quality. ED 328 408
- Public Relations State-of-the-Art 2000: A Shift in Perception. ED 328 175
- The Racial Crisis in American Higher Education. ED 328 135//
- Reading Recovery 1984-1989. No. 4. ED 327 818
- Recruiting and Retaining Teachers in Rural Schools. Far West Laboratory Knowledge Brief. Number Four. ED 328 383
- The Relationship between Journal Writing in Education and Thinking Processes: What Educators Say about It. ED 327 870
- Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138
- A Review of Literature on Higher Education Institutional Planning. ED 328 189
- Review of the Interactive Model: Reconsideration of Reading and Writing Relationship. ED 327 831
- The Role of Information System for Education Planning and Management. ED 328 285
- School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout. ED 327 918
- School Culture, Motivation, and Achievement. Project Report. ED 327 948
- School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report. ED 328 286
- Spiritual Centeredness as a Tool for Positive Mental Health. ED 327 789
- The Status of Marketing in Secondary Vocational Education. ED 327 677
- Teacher Expectations and Low-Achieving Students. ED 328 627
- Thinking and the Teaching of Thinking for Children. ED 328 345
- Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?" ED 328 140
- The Training of Teacher-Librarians-Paving the Way. ED 328 289
- Vocational Education: The Issue Is Access. ED 327 720
- (071) Information Analyses - ERIC IAPS
- Articulation Models for Vocational Education. Information Series No. 343. ED 327 737
- Authentic Reading Assessment. ERIC Digest. ED 328 607
- Authentic Writing Assessment. ERIC Digest. ED 328 606
- The Case for Authentic Assessment. ERIC Digest. ED 328 611
- Childhood Obesity. ERIC Digest. ED 328 556
- Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345. ED 327 739
- Encouraging Writing Achievement: Writing across the Curriculum. ERIC Digest. ED 327 879
- Family and Intergenerational Literacy Programs: An Update of "The Noises of Literacy." Information Series No. 342. ED 327 736
- Foreign Language Learning: An Early Start. ERIC Digest. ED 328 083
- A Framework for Evaluating Local Vocational Education Programs. Information Series No. 344. ED 327 738
- Gender Bias and Fairness. ERIC Digest. ED 328 610
- The International Association for the Evaluation of Educational Achievement. ERIC Digest. ED 328 604
- Measuring Aptitude. ERIC Digest. ED 328 608
- Meeting the Educational Needs of Southeast Asian Children. ERIC/CUE Digest No. 68. ED 328 644
- The National Assessment of Educational Progress (NAEP). ERIC Digest. ED 328 603
- Neuropsychological Assessment in Schools. ERIC Digest. ED 328 609
- State Testing of Teachers: The 1990 Report. ERIC Digest. ED 328 605
- Upgrading the Target Language Proficiency Levels of Foreign Language Teachers. ERIC Digest. ED 328 082
- Word History: A Guide to Understanding the English Language. ED 327 856
- (072) Book/Product Reviews
- Advisory List of Computer Courseware. December 1990. ED 328 240
- Biology Textbooks 1990: The New Generation. ED 328 431
- (080) Journal Articles
- Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
- Notable 1989 Children's Trade Books in the Field of Social Studies. ED 328 510
- Off Welfare, into Work. ED 327 654
- Political Education in Hungary. ED 328 464
- A Study of Japanese and American Perceptions of Politeness in Requests. ED 328 073
- (090) Legal/Legislative/Regulatory Materials
- Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989. ED 328 026
- Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995.

ED 328 261
Copyright & Home Copying. Technology Challenges the Law.

ED 328 262
A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families.

ED 328 029
Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).

ED 327 652
Hearing on Issues and Matters Pertaining to Historically Black Colleges and Universities. Hearing before the Committee on Education and Labor, House of Representatives, One Hundred First Congress, Second Session.

ED 328 206
Legislation Relating to Veterans' Education, Employment, and Home Loan Programs. Hearing before the Committee on Veterans' Affairs, United States Senate, One Hundred First Congress, Second Session, on S. 2100 (Section 401 and 404c), Amendment No. 1575 to S. 2100, S.2483, S.2484, S.2537, Amendment No. 1562 to S.2537, and S.2546.

ED 327 727
The National Education Report Card Act of 1990. Hearing on S.2034 To Authorize the Creation of a National Education Report Card to be Published Annually To Measure Educational Achievement of Both Students and Schools and to Establish a National Council on Educational Goals, before the Subcommittee on Education, Arts and Humanities, Committee on Labor and Human Resources, Senate, One Hundred First Congress, Second Session (July 23 and September 10, 1990).

ED 328 595
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).

ED 328 244
Onsite Access to Library Collections by Visiting Scholars.

ED 328 253
Oversight Hearing on the Montgomery GI Bill. Hearing before the Subcommittee on Education, Training and Employment of the Committee on Veterans' Affairs, House of Representatives, One Hundred First Congress, Second Session.

ED 327 670
Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.

ED 327 968
A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor, U.S. House of Representatives. One Hundred First Congress, Second Session.

ED 328 654
Results in Education: 1990. The Governors' 1991 Report on Education.

ED 327 969
School Officials and the Courts: Update 1990. ERS Monograph.

ED 327 979//
Shortage of Engineers and Scientists. Hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate One Hundred First Congress, Second Session on Training Scientists and Engineers for the Year 2000-The National Science Foundation's Role.

ED 328 428
S. 2034. A Bill To Authorize the Creation of a National Education Report Card To Be Published Annually To Measure Educational Achievement of Both Students and Schools and To Establish a National Council on Educational Goals, before the Senate. One Hundred-First Congress, Second Session.

ED 328 612
Veterans Employment and Training Programs.

Report from the Committee on Veteran's Affairs (To Accompany H.R. 4087). 101st Congress, 2d Session.

ED 327 669
Wrap-Up of the 1990 Special Sessions on Public Education. House Research Organization Special Legislative Report, Number 160.

ED 327 942
(100) Non-Print Media
Cooperative Discipline: Classroom Management that Promotes Self-Esteem.

ED 328 555//
(110) Numerical/Quantitative Data
Academic Libraries: 1988. E.D. TABS.

ED 328 255
Analysis of Enrollment Growth, 1985 to 1989.

ED 328 320
An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.

ED 328 551
Annual Report of the Rehabilitation Services Administration to the President and to the Congress on Federal Activities Related to the Rehabilitation Act of 1973, as Amended. Fiscal Year 1989.

ED 328 026
Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study.

ED 328 397
Baccalaureate Origins of Doctorate Recipients; A Ranking by Discipline of 4-Year Private Institutions. 6th Edition, 1920-1988 Data.

ED 328 177
Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990.

ED 328 323
Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series.

ED 328 600
County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9.

ED 328 312
Databook and Annual Report: Maryland Community Colleges.

ED 328 311
Development Achievements for Fiscal 1990.

ED 328 142
Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12.

ED 328 239
Dropout Rates in Massachusetts Public Schools: 1989.

ED 328 652
Educational Statistics of the Republic of China, 1990.

ED 328 564
Educational Trends in South Carolina. Office of Research Report Series.

ED 328 598
Employer Needs Assessment.

ED 328 325
Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.

ED 328 321
Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1.

ED 328 133
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form.

ED 327 911
Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R.

ED 328 318
Five Years Later: A Look at the EIA Investment.

ED 328 601
Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7.

ED 328 300
Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11.

ED 328 304
Follow-Up Study of 1988 Nursing Graduates.

Volume XVIII, No. 8.

ED 328 301
Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2.

ED 328 306
General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan.

ED 328 315
How North Carolina Ranks Educationally among the Fifty States-1990.

ED 328 583
Inventory of Physical Facilities of Ontario Universities, 1989-90.

ED 328 190
Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report.

ED 328 617
Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Local, and Wealth Clusters, 1987-88. Survey Report.

ED 328 592
Kids Count Data Book. State Profiles of Child Well-Being.

ED 328 553
Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9.

ED 328 302
Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5.

ED 328 299
Minnesota Health Statistics 1988.

ED 327 782
National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report.

ED 328 615
Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91.

ED 328 143
Policy Analysis Series. Issues Related to the Welch Consent Decree. Volumes I and II.

ED 327 992
The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition.

ED 328 478
Profile of the Academically Underprepared Student at Miami-Dade Community College.

ED 328 332
Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R.

ED 328 335
Rankings of the Counties and School Districts of South Carolina 1988-89. 1990 Edition.

ED 328 596
Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients.

ED 328 327
The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.

ED 328 618
Report on Career Placement and External Transfer of 1989 Graduates.

ED 328 314
Report on the Implementation of the Basic Skills Assessment Program 1989-90.

ED 328 597
Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R.

ED 328 322
School Culture, Motivation, and Achievement. Project Report.

ED 327 948
Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume I. End of Course Testing.

ED 328 572
South Carolina Basic Skills Assessment Program, RIE JUN 1991

Publication Type Index

1989-1990 Results.

- ED 328 599
State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report.
- ED 328 565
Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4.
- ED 328 298
Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4.
- ED 328 308
Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2.
- ED 328 296
Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5.
- ED 328 309
Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.
- ED 328 549
Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book.
- ED 328 053
Twenty-Fourth Annual Rank-Order Distribution of Administrative Salaries Paid, 1990-91.
- ED 328 144
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.
- ED 328 303
Use of Management Statistics in ARL Libraries. SPEC Kit #153.
- ED 328 251
What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984.
- ED 328 602
Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee?
- ED 328 324
1990 Statistical Report.
- ED 328 117
21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens.

(120) Opinion Papers

- The African American Woman. Runta (Truth).
ED 328 638
Alternative Models for Integration of Exceptional Students: Administrative and Research Implications.
- ED 328 041
America's Growing Dilemma: Pesticides in Food and Water.
- ED 328 420//
America 2000: An Education Strategy. Sourcebook.
- ED 327 985
Anti-Intellectualism in U.S. Schools.
- ED 327 970
Artificial Intelligence and Computer Assisted Instruction. CITE Report No. 4.
- ED 328 213
Assumptions about Literacy Underlying an Employee Newsletter.
- ED 327 861
The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1.
- ED 328 459
The Authoritative Guide to the Use of Telefacsimile in Libraries. [Second Edition.] Occasional Paper Series 3, No. 1.
- ED 328 257
Beyond Choice to New Public Schools: Withdrawing the Exclusive Franchise in Public Education. Policy Report No. 8.
- ED 327 914
Black Americans and Public Policy: Perspectives of the National Urban League.
- ED 328 651
Building in Accountability Mechanisms for Democracies & Bureaucracies: From Governmental & Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry

Moe and Dr. John Chubb.

- ED 327 972
Business and the Reshaping of Public Education: In Its Own Image.
- ED 327 919
The Case for Peers.
- ED 327 755
The Case Management Team: Building Community Connections.
- ED 327 993
The Challenge of Education: No Time To Waste, No Room, for Failure.
- ED 328 633
Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5.
- ED 328 236
Chemistry. Focus on Excellence, Volume 3, Number 2.
- ED 328 405
Clear Purpose...Complete Commitment. A Long-Range Program To Provide Louisianians with Library and Information Services Adequate to Their Needs, 1990/91-1995.
- ED 328 261
Collaborative Learning: A No-Lecture Method of Teaching English.
- ED 327 866
Commitment to Higher Education: Seven West European Thinkers on the Essence of the University: Max Horkheimer, Karl Jaspers, F. R. Leavis, J. H. Newman, Jose Ortega y Gasset, Paul Tillich, Miguel de Unamuno.
- ED 328 200//
Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII.
- ED 328 441
Constructivist Views on the Teaching and Learning of Mathematics. Journal for Research in Mathematics Education: Monograph No. 4.
- ED 328 422//
Crossing the Lines: On Creative Composition and Composing Creative Writing.
- ED 327 855
Dangerous Liaisons: When Film and Literature Meet.
- ED 327 863
Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62.
- ED 328 218
Discarding the Throwaway Society. Worldwatch Paper 101.
- ED 328 400
Earth Science. Focus on Excellence, Volume 3, Number 3.
- ED 328 406
Education for Tomorrow's Workforce. Hearing before the Subcommittee on Exports, Tax Policy, and Special Problems of the Committee on Small Business, House of Representatives, One Hundred First Congress, Second Session (Las Vegas, Nevada).
- ED 327 652
Education without Compromise: From Chaos to Coherence in Higher Education.
- ED 328 106//
Energy Education. Focus on Excellence, Volume 3, Number 1.
- ED 328 404
Environmental Education in the Developing World.
- ED 328 439
The Essential Theory of Literacy and Its Implications for Programming and Evaluation.
- ED 327 649
Ethics in the University.
- ED 328 169
The Faculty Development Component of Speaking across the Curriculum.
- ED 327 893
Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet.
- ED 328 270
Good Education and Good Entertainment.
- ED 328 223
Governmental Use of Cartoons in Chile as a Means of Informing and Persuading Voters.
- ED 328 502
High Tech-High Touch Collaboration in Helping the United States To Develop "Learning Communities of the Future."

(120) Opinion Papers

293

- ED 327 651
Incentives That Enhance the Teaching Profession: A Discussion of the Policy Issues. Summary of the Proceedings of a Seminar. Attracting Excellence: Call for Teacher Incentives Series.
- ED 327 959
Increasing the Quality and Supply of Administrators in the Northeast: A Northeast Regional Credential for Administrators. A Policy Brief Prepared for the Commissioners of Education in the Northeast and the Administrator Standards Working Group of the Northeast Common Market.
- ED 327 940
Innovations in College Science Teaching.
- ED 328 437
The Integration of Marketing in Post-Secondary Vocational Education.
- ED 327 679
Interface Issues for Guided Discovery Learning Environments. CITE Report No. 85.
- ED 328 220
An Interview with Werner F. Leopold.
- ED 328 056
Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper.
- ED 328 273
It's Up to You. Women at UBC in the Early Years.
- ED 328 147//
Labor-Management Commitment: A Compact for Change. Views from the Collective Bargaining Forum.
- ED 327 686
Looking Left, Then Right: Administering the Wyoming Resolution.
- ED 327 867
Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9.
- ED 328 197//
Mass Communication Effects: A Weakness Theorem.
- ED 327 901
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2.
- ED 328 403
More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change.
- ED 328 594
My Cousin the Arab.
- ED 327 848
National High Performance Computer Technology Act of 1989. Hearings Before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation. United States Senate, One Hundred First Congress, First Session (June 21, July 26, and September 15, 1989).
- ED 328 244
The Need for Workplace Literacy Partnerships.
- ED 327 643
No Place Like Home.
- ED 328 025
The Philosophical Arena and Reading.
- ED 327 836
Post-Traumatic Stress: What Some Indian Youth and Vietnam Veterans Have in Common. How Can We Help?
- ED 328 388
Principal Leadership: A Theoretical Framework for Research. Project Report.
- ED 327 952
Public Relations State-of-the-Art 2000: A Shift in Perception.
- ED 328 175
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart."
- ED 327 894
Reflections on International Bibliographic Standards.
- ED 328 283
Renewing Undergraduate Education: Recommendations from the Irvine Group.
- ED 328 194
The Research Agenda and the Basic Course in Communication.
- ED 327 882
Schools and National Telecommunications Policy.
- ED 328 224
The School-to-Work Connection.

- Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 327 675
- Self Determination National Conference (Arlington, Virginia, January 9-10, 1989). ED 328 402
- Should Every Professor Be a Researcher? Higher Education Series, Topical Paper 9101. ED 327 995
- Special Education in South Africa—Who Plays God? ED 328 162
- Spelling in the Context of Current Approaches to Language. ED 328 052
- Stony the Road They Trod: The African American Male. Runts (Truth). ED 327 847
- Strengthening Student Transfer and Articulation within the University of Nevada System. ED 328 637
- Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 330
- Teacher Education as Identity Construction. Music: A Case Study. ED 328 155
- Tenured Radicals: How Politics Has Corrupted Our Higher Education. ED 328 531
- Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. ED 328 110//
- Thinking about College Teaching. ED 328 174
- The Threat of a State Graduation Examination for Non-Public Schools in Louisiana. ED 328 566
- The Top Ten Educational Issues, 1991 Edition. ED 327 939
- Training and Jobs: Keys to Rural Economic Development. A Regional Rural Revitalization Conference (Huntsville, Alabama, April 5-6, 1990). ED 328 381
- Universities and the Future of America. ED 328 151//
- U.S. Farm Policy: Who Benefits? Who Pays? Who Decides? A Citizen's Guide. ED 328 421//
- Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures. ED 327 859
- Value Orientation—A New Emphasis for Teacher Education in Higher Education for the 1990s. ED 328 520
- Who Needs Computers in Schools, and Why? CITE Report No. 73. ED 328 234
- Writing about Literature: The Paper of Many Parts. ED 327 872
- (130) Reference Materials**
- Foundations of Multicultural Education. Module 1. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 090
- Language Assessment. Module 2. Bilingual/ESOL Special Education Collaboration and Reform Project. ED 328 091
- (131) Reference Materials - Bibliographies**
- Acquired Immune Deficiency Syndrome, AIDS: A Selected Bibliography of Federal Government Publications. Research Guide 90 104. ED 328 256
- Administration of Preservation Programs in Archives. A Selective Bibliography. ALIC Bibliography 1990-4. ED 328 249
- Adult Children of Alcoholics: An Annotated Bibliography. History, Philosophy and Practice of Adult Education. ED 327 796
- Adult ESL Suggested Materials List. ED 328 104
- Advisory List of Computer Courseware. December 1990. ED 328 240

ALIC Acquisitions List Covering the Period October 1, 1989 to March 31, 1990. Volume 1990(1), Issue 9. ED 328 250

An Annotated Bibliography of Research and Professional Publications Relevant to the Education of Handicapped, Limited English Proficient Students and Their Families. ED 328 089

CCIDA Bibliographies from the Canadian Centre for Information and Documentation on Archives, National Archives of Canada. ED 328 247

CIDS Bibliographies. Research Papers Prepared by Members of the Archivist Career Training Program. ALIC Bibliography 1990-3. ED 328 248

Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies: An Annotated Bibliography. Instructional Leadership and School Improvement Report Series. ED 327 958

Disaster Planning. ALIC Bibliography 1990-1. ED 328 246

Gay and Lesbian Studies. A Research Guide for the UCLA Libraries. ED 328 271

Index to Courseware on Advisory Lists: January 1986-November 1990. ED 328 241

Information Resources Management. A Bibliography with Indexes, 1984-1989. A Selection of Annotated References to Reports and Journal Articles Entered into the NASA Scientific and Technical Information System from 1984 through 1989. ED 328 274

Notable 1989 Children's Trade Books in the Field of Social Studies. ED 328 510

Resources in Education (RIE). Volume 26, Number 6. ED 327 632

Sunny Hours: Children's Periodicals Published in the United States from 1789-1900 Collected by the Library of Congress. ED 328 288

Using Computers in Reading Instruction. ED 327 810

Using Portfolios in Instruction and Assessment. ED 328 586

Using Young Adult Literature as Artifact To Gain Insight about the Adolescent Experience in Other Cultures. ED 327 859

(132) Reference Materials - Directories/Catalogs

Catalog of ERIC Clearinghouse Publications. ED 328 260

Directory of Selected University Libraries Most Frequently Used by University of California Students Studying Abroad. ED 328 265

Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition. ED 328 626

Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. ED 328 277

New and Promising: Software Worth a Look. A MicroSIFT Survey of Educational Software Preview Center Coordinators. Volume II, No. 2. ED 328 229

Sewing: Easier with Adaptations. PAM Repeater, No. 54. ED 328 017

Signaling for Help. PAM Repeater, No. 56. ED 328 018

(134) Reference Materials - Vocabularies/Classifications

Canonical Correlation: Terms and Descriptions. ED 328 567

Competency-Based Career Development Strategies and the National Career Development Guidelines. Information Series No. 345. ED 327 739

(140) Reports - General

The Challenge of Connecting Learning. Liberal Learning and the Arts and Sciences Major. Volume 1. ED 328 137

The Challenge of Education: No Time To Waste, No Room, for Failure. ED 328 633

Character Development in the 90s: A Reaffirmation of Values. Teaching Values in Arizona Schools. The Report of the Task Force on Values in Education for the State of Arizona. ED 327 779

Conference on European Co-operation in the Field of Vocational Guidance for Young People and Adults (Berlin, November 27-28, 1990). Summary Report. ED 327 676

Getting a Job in the Computer Age. ED 327 778

Higher Education and Adult Demography. ED 328 139

In Search of the Elusive "Hobbit": A Family Intervention Case with a Psychoeducational Focus. ED 327 770

Legal Issues for Alcohol and Other Drug Use Prevention and Treatment Programs Serving High-Risk Youth. ED 327 756

Reports from the Fields. Liberal Learning and the Arts and Sciences Major. Volume 2. ED 328 138

Workforce Trends. An Assessment of the Future by Employment Security Agencies. ED 327 638

(141) Reports - Descriptive

Access, Equity, and Opportunity. Women in Machining: A Model Program. ED 327 718

Action and Reaction: Writing and Reading in the Technologies and Other Vocational Curricula. A Project To Increase Learning through a Four-Campus Consortium. Second Edition. ED 328 292

Adult Education for the Homeless. FY 89 Project Abstracts. Twenty-Eight Programs that Can Help the Homeless. ED 327 731

Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons. ED 327 650

Algebraic Thinking Tools: Supports for Modeling Situations and Solving Problems in Kids' Worlds. ED 328 407

Annual Report, 1989-1990. ED 328 242

Assessing Student Attitudes toward Heterogeneous Grouping: A Pilot Study. ED 328 397

Athletes Coaching Teens (ACT) for Substance Abuse Prevention. ED 328 119

Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform. ED 328 156//

The Atlantic Science Curriculum Project: In Search of a Path to Educational Reform. Research Report Number 1. ED 328 459

The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills. ED 327 842

Backboards & Blackboards: CoCollege Athletes and Role Engagement. ED 328 181//

Bigotry on Campus: A Planned Response. ED 328 108

Blue Bay: A Tribal Approach to Fighting Alcohol and Drug Abuse. Our Way of Healing. ED 328 389

The Board and the President. ED 328 207//

BSIT Program: A Non-Traditional Learning Opportunity. ED 328 123

Business French: Cultural Content and Implications. ED 328 075

Campus Child Care: Diverse and Changing. ED 328 344

Campus Children's Centers: Two Decades of Ferment. ED 328 343

A Career Development Module for Standardized

RIE JUN 1991

Publication Type Index

- Group Testing. Career Guidance Project, 1988-1989. ED 327 783
- The Caregiver Education and Training Project: A Comprehensive Training Program for Family Caregivers. ED 327 674
- Challenges for the "Nineties" in Adult Language Learning in Great Britain. ED 328 078
- Chemistry. Focus on Excellence, Volume 3, Number 2. ED 328 405
- Classroom Discourse: Questions, Quarrels, and Introspections. ED 328 544
- Collaborative Model for Minority Recruitment and Retention via the Creation of the Future Professionals of the 21st Century Club. ED 328 128
- College Learning Strategies: A Retention Model for At-Risk Students. ED 327 825
- The Commission on Preservation and Access. Annual Report, July 1, 1989-June 30, 1990. ED 328 264
- Communication Studies Assessment Report: A Program for Implementing a Competency-Based Core Curriculum. ED 327 910
- Community College of Rhode Island: Annual Report, 1989-90. ED 328 313
- Comprehensive Retention and Attrition Model (CRAM). ED 328 527
- Comprehensive System of Personnel Development, 1988-89 CSPD Report. ED 328 055
- Computer-Aided Environmental Education. Monographs in Environmental Education and Environmental Studies, Volume VII. ED 328 441
- The Computerized Comprehensibility System. Maintainer's Guide. Technical Report No. 33. ED 328 222
- Computer Speech Devices for Adult Literacy Skills. Final Report. ED 327 694
- Conference Groups in the Writing Center: Shared Resources. ED 328 070
- Consumer Motivated Research to Development: The Rationale for the National Research to Development Network. Progress Reports. Report No. 1. National Research to Development Network for Public School Programs for the Hearing Impaired. ED 328 045
- Content-Based Second Language Instruction: Teaching English through Mathematics in Grades 1-4. ED 328 085
- Continuing Education for Change. WHO Regional Publications, European Series, No. 28. ED 327 639
- Cooperative Approaches to Respite Planning and Development. ED 328 008
- Cost Efficiency of Early Education. Abstract 25: Research and Resources on Special Education. ED 327 988
- A Cost Free Counseling Model for High Risk Elementary Students. ED 327 788
- Decision-making and Professional Development. A Focus on the Individual. ED 328 534
- Demographic and Economic Changes and Post-secondary Education. ED 328 111
- Description of Child Care Training Programs in Canadian and International Jurisdictions. ED 328 348
- Developing Critical Thinking Skills and Improving Expressive Language through Creative Writing. ED 327 854
- Developing Writing Skills in a Speech Writing Course. ED 327 862
- Development Achievements for Fiscal 1990. ED 328 142

- Developmental Disabilities Three-Year State Plan: October 1, 1986-September 30, 1989. State of Minnesota. ED 327 991
- The Development of a Professional Activities Handbook Governing Financial Assistance to Staff as Funded by the Title III Grant. Human Resources Development. ED 328 295
- The Different Forms of Learning in Psychology and Education. CITE Report No. 24. ED 328 481
- Diversity and Excellence in Education: An Integrated Approach to Improving Accessibility at the University of Winnipeg. The Final Report of the President's Task Force on Student Accessibility at The University of Winnipeg. ED 328 148
- Dominie: Teaching and Assessment Strategies. CAL Research Group Technical Report No. 74. ED 328 212
- Earth Science. Focus on Excellence, Volume 3, Number 3. ED 328 406
- Education in Latin America-Comparative. ED 328 504
- "Educators Modeling Self-Esteem to At-Risk Students": The Practice of Personal and Professional Development. ED 328 519
- Efforts to Help Parents of LEP Students Take Many Forms. ED 328 099
- Electronic Records Issues. A Report to the Commission. Commission Reports and Papers Number 4. ED 328 266
- Energy Education. Focus on Excellence, Volume 3, Number 1. ED 328 404
- Enhancing Teacher Performance in Spanish Elementary Classes. Volume One. Final Report. ED 328 058
- An Environmental Education Approach to the Training of Elementary Teachers: A Teacher Education Programme. A Discussion Document for Unesco Training Seminars on Teacher Training in Environmental Education. ED 328 440
- The Escalating Costs of Higher Education. ED 328 114
- Exploring Mental Illness through a Poetry Writing Assignment. ED 327 858
- The First Twenty Years of the Maryborough & District University Society, 1963-1983. Working Papers in Distance Education, No. 7. ED 328 237
- Forecasting Enrollment in a Period of Institutional Transition. AIR Conference Paper. ED 328 134
- Functional Illiteracy and Adult Basic Education in the Netherlands. UIE Studies on Functional Illiteracy in Industrialized Countries 5. ED 327 671
- Functional Illiteracy: What Public Libraries Can Do To Help People with Reading and Writing Problems. An Ideas Pamphlet. ED 328 270
- Getting the Facts As Soon As Possible Through Fax. ED 328 272
- The Global Politics of Abortion. Worldwatch Paper 97. ED 328 509
- Good Education and Good Entertainment. ED 328 223
- Good Practices: A Selection. Tasmanian Government Schools and Secondary Colleges 1984-87. ED 327 976
- The Greater Cleveland Educational Development Center, College of Education, Cleveland State University. ED 328 125
- Growth of Southern Higher Education Forestry Programs and Their Impact on the South's Timber Resources and Industries. Miscellaneous Publication No. 1456. ED 328 203
- Highlights of the National Family Day Care Project. ED 328 346
- The History of the March toward Literacy in

(141) Reports - Descriptive

295

- Iraq. ED 328 472
- Homeless People and Health Care: An Unrelenting Challenge. ED 328 648
- How Teachers Improve Their Practices through Action Research: The Case of the Logo Action Research Collaborative. ED 328 226
- Human Interactions in Education: The Museum as an Experiential Learning Center. ED 328 493
- Idaho Cooperative Demonstration Grant in Construction and Mining. Final Report. ED 327 699
- Ideas for Integrating the Microcomputer with High School Science. ED 328 443
- If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools. ED 328 486
- Impact II Catalog of Teacher-Developed Programs, 1990-91. Twelfth Edition. ED 328 626
- The Indiana Principal Leadership Academy: A Model for Professional Development. ED 327 971
- Industrial Automation Mechanic Model Curriculum Project. Final Report. ED 327 693
- Innovations in College Science Teaching. ED 328 437
- An Innovative Principal Preparation Program: A Structural Approach. ED 327 974
- The Integration of Teleconferencing in Distance Teaching. ED 328 227
- Intelligent Computer-Aided Instruction and Musical Performance Skills. CITE Report No. 18. ED 328 483
- Intelligent Computer-Aided Instruction Research at the Open University. CITE Report No. 10. ED 328 214
- International Resource Management. ED 328 127
- Issues Surrounding Entry-Level Workers. A Policy Report. ED 327 728
- James Madison's Practical Ideals for the 1990s. ED 328 507
- Join the Club! A New Approach to the Traditional Reading Clinic. ED 327 819
- Junior Science and Humanities Symposium Program, Management Guide SY91-92. ED 328 448
- A Knowledge-Based Tutor for Music Composition. CITE Report No. 16. ED 328 484
- Latinos and the Dropout Crisis: The Community Solution. ED 328 639
- Library Programs. Library Literacy Program: Analysis of Funded Projects, 1989. LSCA VI. ED 328 277
- Library Programs. Library Programs for the Handicapped. Fiscal Year 1987. ED 328 278
- Linguist Proficiency Improvement Courses. ED 328 097
- Literacy in an Emergent Society: Papua New Guinea. ED 327 816
- Literacy: The Impact of Technology on Early Reading. ED 327 832
- Major American Higher Education Issues and Challenges in the 1990s. Higher Education Policy Series 9. ED 328 197
- Making Introductory Foundations of Education Courses More Effective. [Part One:] The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study. ED 328 548
- Marva Collins' Way. Second Edition. ED 328 629
- The Mastery in Learning Project at Orchards Elementary School with the Consultancy of Le-

- wis-Clark State College, Lewiston, Idaho. ED 328 131
Materials Science and Technology. A Preview of an Exemplary High School Course Where Students Explore New Frontiers of Scientific and Vocational Education Know-How. ED 327 734
Microphones and Educational Media. ED 328 209
Middle School/Junior High Science. Focus on Excellence, Volume 2, Number 2. ED 328 403
Minority High School Student Research Apprenticeship Program. ED 328 121
More Effective Schools/Teaching Project. Seventh Annual Report. ED 328 524
Non-Credit Instructional Activities: January 1, 1990 through June 30, 1990 with Trend Information from 1983. OIR Report 20-91. ED 328 143
Nutrition Recommendations...A Call for Action. Summary Report of the Scientific Review Committee and the Communications/Implementation Committee. ED 327 633
Opportunities for the Older Unemployed. An Investigation of Education and Training Needs and Opportunities for Unwaged Adults in Their 40s and 50s. ED 327 690
Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings. ED 327 884
The Origins and Rise of Associate Degree Nursing Education. ED 328 154//
Outcomes Assessment: Responding to Societal and Economic Challenges through Adult Higher Education. ED 327 665
[Papers of the ELF Project]. ED 328 211
Penn State-Behrend/Diehl Elementary School Adopt-A-School Program. ED 328 130
PICKUP Wales, U.K. Assurance of Quality Vocational Continuing Education and Training. ED 327 717
Piled Higher and Deeper: The Folklore of Campus Life. ED 328 170//
A Plan To Educate Nevada's Homeless Youth. ED 328 628
A Plan To Reduce Library Book Losses. ED 328 282
Policy Analysis Series. Issues Related to the Welsh Consent Decree. Volumes I and II. ED 327 992
Positive Self-Esteem Can Protect Native American Youth. How Can We Help? ED 328 385
Preparation for Leadership Personnel: Post-Doctoral Program in Research with Minority Handicapped Children at the Juniper Gardens Children's Project. Final Report. ED 328 054
Preparing Educational Leaders for Rural School Districts: New Mexico's State-Wide Collaborative Approach. ED 328 396
Proceedings of the Towards Competency Seminar. A Seminar on Curriculum Development and Evaluation in Vocational Education in New Zealand (Wellington, New Zealand, August 30-31, 1988). ED 327 724
Profiles of State Programs: Adult Education for the Homeless. ED 327 730
Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education. ED 327 691
Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School. ED 328 004
Project GOLD (Garfield Options for Leadership Development). ED 328 118

- Promoting Fun in Physics. ED 328 122
Proposal To Implement a Penn State Educational Partnership Program in Cooperation with the School District of the City of Erie, Pennsylvania. ED 328 129
Providing Skills and Competencies for Beginning Teachers. ED 328 535
A Public University's Defense of Free Expression: The Issues and Events in the Staging of "The Normal Heart." ED 327 894
Publius and the Contemporary Court. ED 328 506
Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention. ED 328 009
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Asian-Americans. ED 328 031
The Recruitment and Retention of Minority Trainees in University Affiliated Programs-Hispanics. ED 328 034
The Recruitment and Retention of Minority Trainees in University Affiliated Programs. Native American Indians. ED 328 032
The Recruitment and Retention of Minority Trainees in University Affiliated Programs-African-Americans. ED 328 033
Regulating Racial Harassment on Campus: A Legal Compendium. ED 328 204
A Report on the Social Context Model of Adult Literacy. ED 327 809
Research in Education of the Handicapped. Proceedings of the Project Directors' Meeting (4th, July 12-14, Washington, D.C. 1989). ED 327 987
Research on the Communication Development of Young Children with Deaf-Blindness. ED 328 007
Review of Programs: Architecture; Architectural Technology; Landscape Architecture; Interior Design; Construction and Construction Technology; Building Construction; Urban and Regional Planning. Report to the Board of Regents, State University System of Florida. ED 328 168
Richmond Area Young Scholars Program. ED 328 120
Rural Initiative: Evaluation of the Rural Schools Assistance Program. ED 328 378
School Based Management and Effective Schools: A Perfect Match for Bottom-Up Reform. An ACCESS Printout. ED 327 918
Schools and National Telecommunications Policy. ED 328 224
Science/Technology/Society. Focus on Excellence, Volume 1, Number 5. ED 328 402
Science 10. Course of Studies, Draft. ED 328 415
A Self-administered Simulation for Training Basic Classroom Skills. Final Report for Minigrant. ED 328 532
Sewing: Easier with Adaptations. PAM Repeater, No. 54. ED 328 017
Signaling for Help. PAM Repeater, No. 56. ED 328 018
Social Studies Education: An Interpretive History of Discovery, Change, Innovation, and Trends. Humans & Environment Learning Program (HELP). ED 328 488
Some African American and Hispanic Voices from the University of Toledo. A Monograph. ED 328 153
A Source of Distractions in the Classroom: The Teacher. ED 328 536
STARR (Student Tutoring, Tournament, Attendance Monitoring, Relaxation Training, Retention Goals): A Student Oriented Curriculum Designed with Retention in Mind. ED 328 293
A State-Wide Selection Model for Teacher Education-A Criterion-Related Approach. ED 328 518
The Status of Handicapped Children in Head Start Program. Fifteenth Annual Report of the U.S. Department of Health and Human Services to the Congress of the United States on Services Provided to Children with Disabilities in the Head Start Program. ED 328 027
Strengthening Student Transfer and Articulation within the University of Nevada System. ED 328 330
Strive Toward Excellence Program. ED 328 126
Student Aid Success Stories: Celebrating 25 Years of the Higher Education Act. ED 328 155
A Study of Instruction as Discourse. ED 328 516
The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91. ED 328 453
Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum. ED 328 419
Swaziland Teacher Training Project. Project Number 645-0214, 1984-1990. Final Report. ED 328 554
A Tale of Two Appraisal Systems: Texas and North Carolina. ED 327 981
Teacher Education and Mentoring Program: Program Design and Research Results. ED 328 540
Teacher Expectations and Low-Achieving Students. ED 328 627
Teacher Induction Partnerships Program. ED 328 124
Teachers and National Development with Special Reference to Family Life Education. ED 328 517
Teachers' Views on World Issues: A Digest of the Policies of WCOTP. ED 328 499
Teaching Assessment Workshop Project 30. ED 328 522
Teaching Diverse Students: Cases and Commentaries. ED 328 552
Technical Manual: Handwriting Research Corporation. ED 327 860
Ten Year Plan for the Redevelopment of Intellectual Disability Services. Final Report, August, 1988. Data Book. ED 328 053
Texas Nursing Crisis: The Higher Education Response. A Report from the Nursing Committee. ED 328 187
Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade. ED 328 445
Tomorrow's Schools: Principles for the Design of Professional Development Schools. ED 328 533
Tractor Trailer Driver's Training Programs. Performance Report. ED 327 698
Training for Work: What the U.S. Can Learn from Europe. ED 327 641
Trends in Institutional Costs. ED 328 115
Trends in the Postsecondary Enrollment of Minorities. ED 328 112
Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38. ED 328 485
UNESCO and Africa. ED 328 490
Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891

Publication Type Index

Vocational Education Partnerships. Cecil County, Maryland. Cooperative Demonstration Program. Final Program Report.

ED 327 695

Vocational Education: The Issue Is Access.

ED 327 720

War against Rape (WAR): The Experience of an Activist Group in Karachi in Raising Awareness of Sexual Crimes against Women.

ED 327 768

Western Massachusetts Five College/Public School Partnership.

ED 328 152

What Do Superintendents Say Are the Most Critical Problems Facing the 100% Rural School Districts of S.C.?

ED 328 398

White Paper on School-Lunch Nutrition.

ED 328 538

Women and Tenure: The Opportunity of a Century.

ED 328 489

Women in the Farmers' Alliance.

ED 328 501

Workplace Literacy Partnerships Program. Final Performance Report.

ED 327 634

100 Ways Colleges Serve Adults.

ED 328 159//

(142) Reports - Evaluative

Adult Literacy for Development: The Logic and Structure of Economic Motivations.

ED 327 648

The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects.

ED 327 865

Analysis of Enrollment Growth, 1985 to 1989.

ED 328 320

Basic Skills Assessment Results of Miami-Dade Community College First-Time-in-College Degree-Seeking Students, Fall Term 1990.

ED 328 323

Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills.

ED 328 515

Births, Selected Grade Comparisons, High School Graduates, and Number Entering College for the State and the Counties, 1961 through 1996. Statistical Report Series.

ED 328 600

A Brief Overview of Three Classes of Methods for Detecting Item Bias.

ED 328 578

The Cambridge Controlled Choice Program: Improving Educational Equity and Integration. Education Policy Paper Number 4.

ED 327 925

Chapter 1 Migrant Education Program: Final Report.

ED 328 640

Choosing Better Schools: The Five Regional Meetings on Choice in Education.

ED 327 975

CLAST Pass Rates after One Year for Fall Term 1989 First-Time Examinees at Miami-Dade Community College. Research Report No. 90-22R.

ED 328 334

A Comparative Study of Adult Education Indianapolis/Richmond. Third-Party Evaluator Final Report.

ED 327 697

Comprehension and Communicative Evidence in Operative Mathematics Instruction.

ED 328 087

Computer-Based Assessment of Cognition: The ETS Factor Kit.

ED 328 587

Condom Availability at Four-Year State Universities in the North Central Census Region.

ED 328 195

Continuing Student Survey Results, Fall 1990.

ED 328 326

Cooperative Approaches to Respite Planning and Development.

ED 328 008

Counseling and Guidance Program Evaluation 1990-91.

ED 327 765

County Support for Community Colleges: A Peer Expenditure Analysis. Planning Brief PB91-9.

ED 328 312

Development of a Youth Worker Position on the Multi-Disciplinary Team in a Short Term Residential Crisis Center for Adolescents.

ED 327 790

A Digest and Comparative Analysis of Major Federal Programs Affecting Infants and Toddlers with Handicaps and Their Families.

ED 328 029

Dropout Report for 1988-89: Part 2.

ED 328 642

The Economic Impact of Liberty University on the Lynchburg Area.

ED 328 158

Educational Statistics of the Republic of China, 1990.

ED 328 564

Employer Needs Assessment.

ED 328 325

Entry-Level Testing Results for All Credit Students Enrolled at Miami-Dade Community College during Fall Term 1989.

ED 328 321

Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic.

ED 328 574

An Evaluation of a College Developmental Reading Program.

ED 327 839

Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1.

ED 328 235

An Evaluation of the IBM PALS Program for the Massachusetts Board of Library Commissioners.

ED 328 267

The Exit Exam.

ED 328 616

Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data.

ED 328 591

Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.

ED 328 305

Federal, State, and Local Collaboration for Effective Schools: Chapter 2 "20%" Innovative Projects of Statewide Significance.

ED 328 575

A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report.

ED 328 015

Five Years Later: A Look at the EIA Investment.

ED 328 601

Guided Discovery Tutoring and Bounded User Modelling. CITE Report No. 13.

ED 328 215

Highers and Higher Education.

ED 328 186

Homelessness: Access to McKinney Act Programs Improved but Better Oversight Needed. Report to the Chairman, Subcommittee on Housing and Urban Affairs, Committee on Banking, Housing and Urban Affairs, U.S. Senate.

ED 328 649

How Computers Are Used in the Teaching of Music and Speculations about How Artificial Intelligence Could Be Applied to Radically Improve the Learning of Compositional Skills. CITE Report No. 6.

ED 328 480

How North Carolina Ranks Educationally among the Fifty States-1990.

ED 328 583

Implementing a Successful Writing Program for Deaf Students in Public Schools. Progress Report #3. National Research to Development Network for Public School Programs for the Hearing Impaired.

ED 328 046

Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.

ED 327 912

Instructing Children with Limited English Ability. Year One Report of the National Longitudinal Evaluation of the Effectiveness of Services for Language-Minority Limited-English-Proficient Students.

ED 328 066

Interactional Problem-Solving in Mathematics Lessons: A Transcript Analysis.

(142) Reports - Evaluative

297

An Item Response Theory Model for Test Bias. ED 328 086

Keeping in Touch: Teachers and Parents in Kindergartens. Studies in Education Series, No. 50. ED 328 584

Key Statistics on Public Elementary and Secondary Education Reported by State and by Regional, Locale, and Wealth Clusters, 1987-88. Survey Report. ED 328 360

Kosrae Title VII Bilingual Education Program. Grades 7-9, 1986-1989. Final Program Evaluation Report. ED 328 592

K-12 Social Science Program Evaluation. ED 328 476

Les Actes des Journées de Linguistique (Proceedings of the Linguistics Days). 4th, Quebec, Canada, 1990. ED 328 095

Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications. ED 328 079

Long-Term Investments in Youth: The Need for Comprehensive Programs for Disadvantaged Young Men in Urban Areas. ED 328 657

Materials Technology: The Common Core Skills That Are Shaping the Future. Final Performance Report. January 1, 1989-June 30, 1990. ED 327 735

Meaning as Language Use: The Case of the "Language-Linked" Value Objection. ED 327 888

Middle Immersion Study 1988. Research Paper 88-08. ED 328 076

A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations. ED 328 590

More Effective Schools/Teaching Project. Seventh Annual Report. ED 328 524

The New Jersey Governor's Commission on Eastern European and Captive Nation History Report. ED 328 470

Non-Verbal Tests in Schools. SET Research Information for Teachers. Item 7. Number 2. ED 328 581

NSF's Presidential Young Investigators Program: A Study of the First Two "Classes." ED 328 192

Partitioning Predicted Variance into Constituent Parts: How To Conduct Commonality Analysis. ED 328 589

Partnerships for Learning: School Completion and Employment Preparation in the High School Academics. ED 328 630

Portland Peers Project. Interim Evaluation Report, 1989-90. ED 327 769

Preparation and Professional Development Programs for Early Childhood Educators: Adequacy of the Knowledge Base. ED 328 339

The Price: A Study of the Costs of Racism in America. ED 328 650

Program Review: A Five Year Summary of Placement and Follow-Up Information of Students in Associate in Science Degree Programs, 1984-85 through 1988-89. Research Report No. 90-23R. ED 328 335

Project CREATE Final Report. Cooperative Resources To Enhance Access to Technology Education. ED 327 691

Project STARS. 1989-90. OREA Report. ED 327 729

Public School Choice: An Equal Chance for All? ED 327 917

The Qualified Work Force Project. Working Session: October 12 and 13, 1990. Summary Notes. ED 328 340

Rationales and Futures for Computers in African Schools and Universities. CITE Report No. 100. ED 328 482

Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients.

ED 328 327

Regional Campuses New Freshmen Survey.

ED 328 329

A Regional On-Site Administrator Preparation Program.

ED 327 913

Report on Career Placement and External Transfer of 1989 Graduates.

ED 328 314

A Report on Shortchanging Children: The Impact of Fiscal Inequity on the Education of Students at Risk. Prepared for the Committee on Education and Labor, U.S. House of Representatives. One Hundred First Congress, Second Session.

ED 328 654

Report on the Implementation of the Basic Skills Assessment Program 1989-90.

ED 328 597

Required Academic Proficiency (RAP) Program: Final Report.

ED 328 641

Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R.

ED 328 322

Review of Evaluation Procedures Used in Project POWER.

ED 327 645

Rural Initiative: Evaluation of the Rural Schools Assistance Program.

ED 328 378

School "Culture," Motivation, and Achievement. Project Report.

ED 327 949

"School Culture," Student Ethnicity, and Motivation. Project Report.

ED 327 947

Secondary Education in North Carolina: A Report of Student Participation and Performance in Algebra I, Geometry, Algebra II, Biology, Chemistry, Physics, U.S. History, English I. Volume 1. End of Course Testing.

ED 328 572

Severely Emotionally Impaired/Program Expansion/Project Find/Pre-Primary Impaired. Product Evaluation Report, 1989-1990.

ED 328 037

Software for Middle School Physical Science.

ED 328 444

South Carolina Basic Skills Assessment Program, 1989-1990 Results.

ED 328 599

Spanish Partial Immersion Program. 1989-90 Evaluation Report.

ED 328 100

Special Education in Tanzania: Project Findings and Recommendations. Terminal Report.

ED 328 040

Special Projects: An Historical Analysis.

ED 328 024

State Disadvantaged Child Project in the Portland Public Schools. 1988-89 Evaluation Report.

ED 328 350

State Profiles of Public Elementary and Secondary Education, 1987-88. Survey Report.

ED 328 565

Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.

ED 328 030

Steps to Maturity Program. Evaluation.

ED 327 764

Strengthening Student Transfer and Articulation within the University of Nevada System.

ED 328 330

Suggestopedia: Activating the Student's Reserve Capacities.

ED 328 057

The Summative Evaluation of the Science Quality Education Project (SQEP). Evaluation and Project Research Report No. 9-1990-91.

ED 328 453

Teacher Education and Mentoring Program: Program Design and Research Results.

ED 328 540

Teacher Incentives: State Level Initiatives in the NCREL Region. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 960

Teachers Commitment and Job Satisfaction. Project Report.

ED 327 951

Texas Nutrition Education and Training Program for Federal Fiscal Year 1990. Final Evaluation Report.

ED 328 352

The Tutor Perspective on Computer Mediated Communication in DT200: Introduction to Information Technology. Home Computing Evaluation Project.

ED 328 219

The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice. Higher Education Policy Series 2.

ED 328 198//

Use of the U-Method To Establish the External Validity of Discriminant Analysis Results.

ED 328 588

Using Portfolios in Instruction and Assessment.

ED 328 586

The Validity of Writing Test Tasks.

ED 328 072

The Value of Project Work in INSET.

ED 328 081

What Is the Penny Buying for South Carolina? Assessment of the Fifth Year of the South Carolina Education Improvement Act of 1984.

ED 328 602

What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey.

ED 327 740

Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee?

ED 328 324

Who's Prepared for College? Results of a Five Year Study of Recent High School Graduates Taking Miami-Dade's Basic Skills Placement Tests. Research Report No. 90-04R.

ED 328 317

(143) Reports - Research

Academic Libraries: 1988. E.D. TABS.

ED 328 255

Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce.

ED 328 392

Adult Distance Education, Educational Technology and Drop Out. The New Zealand Technical Correspondence Institute's Management Courses. Studies in Education, No. 48.

ED 327 722

An Analysis of the Comparability of Teacher Salaries to the Earnings of Other College Graduates in the Southeast: 1990 Update.

ED 328 551

Applying Empirical Analyses to the Evaluation of Test Content.

ED 328 621

Arguing with the Tutor: A Model for Tutorial Dialogue in Uncertain Knowledge Domains. Centre for Information Technology in Education Report No. 51.

ED 328 216

Art/Music Teachers' Curriculum Deliberations. Elementary Subjects Center Series No. 22.

ED 328 512

Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators.

ED 327 887

Association of Selected Teaching Conditions with Reported Instructional Practices: From a Survey of New Brunswick and Nova Scotia Grades 7, 8 and 9 Science Teachers. Research Report Number 4.

ED 328 462

Attitudes and the Prediction of Behavior: A Meta-analysis.

ED 327 751

Attributes and Preconditions of Collaboration between and among Schools, Institutions of Higher Education, and State Education Agencies. Instructional Leadership and School Improvement.

ED 327 957

Automated Authority Control in ARL Libraries. SPEC Kit #156.

ED 328 254

Behaviors, Attitudes and Knowledge of UNO Students Regarding Drugs, Alcohol and Tobacco: 1989.

ED 328 173

Publication Type Index

Beyond Computer Planning: Managing Educational Computer Innovations.

ED 327 977

Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.

ED 327 827

Black Students: Psychosocial Issues and Academic Achievement.

ED 328 624

Canonical Correlation: Terms and Descriptions.

ED 328 567

A Captive Audience: Debating in a Maximum Security Prison.

ED 327 883

A Challenge of Numbers. People in the Mathematical Sciences.

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Changing the Odds: Expanding Early Childhood Development Programs for Oakland's Low-Income Families.

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Children's Failure To Read: Learner Deficit or Task Artifact?

ED 327 813

Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline.

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Cognitive Structures in BBC Financial Reports.

ED 328 084

Collaborations in Action: Reshaping Services for Young Children and Their Families.

ED 328 363

Coming and Going: Forty Years of the Fulbright Programme in New Zealand.

ED 328 149

Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.

ED 327 907

Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.

ED 327 668

A Comparison of Cooperative Learning Strategies to Traditional Learning Strategies Used on the Same Group of Multicultural Ninth Grade Biology Students during the Same School Year. A Research Paper Regarding a Grant from the Alexandria City School Board Aimed At Improving Existing Programs in This School Division.

ED 328 447

A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes.

ED 328 036

Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students.

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The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13.

ED 328 463

Computer Conferencing and Mass Distance Education. CITE Report No. 98.

ED 328 221

Computerized Online Bibliographic Searching. SPEC Kit #154.

ED 328 252

The Concept Matrix as a Cognitive Strategy: An Interpretive Inquiry into Concept Training.

ED 328 561

The Concerns of the Marketing Education Profession.

ED 327 678

Construction and Analysis of Semantic Properties of an Alternate Form of the Personality Worksample. Technical Report 1990-6.

ED 328 568

Construct Validity of an Instrument To Measure Computer Aversion.

ED 328 569

Context Effects in Comprehending Familiar and Unfamiliar Proverbs.

ED 327 876

Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3.

ED 328 297

Copyright & Home Copying. Technology Challenges the Law.

ED 328 262

Counselor Attractiveness, Similarity, and Session

RIE JUN 1991

Publication Type Index

- Impact: A Field Study. ED 327 797
Course Syllabi and Their Effects on Students' Final Grade Performance. ED 328 202
Current Issues and Research Findings in the Study of School Leadership. Project Report. ED 327 946
Curriculum Management in 29 School Districts in Northwest Ohio. ED 327 923
The Design and Implementation of a Mentor Program To Improve the Academic Achievement of Black Male High School Students. ED 328 647
Developmental Spelling and Other Language Predictors of Reading Achievement. ED 327 815
The Development and Implementation of a Program To Promote Secondary Level Science Research Education. ED 328 401
The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals. ED 328 047
Dialogue and Teaching Styles. Centre for Information Technology in Education Report No. 62. ED 328 218
Differences and Commonalities: Farmer Stratifications in the San Luis Valley Research/Extension Project Area. ARE Research Report. ED 328 377
Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S. ED 328 646
The Differentiated Additive Androgyny Model: Relations between Masculinity, Femininity and Multiple Dimensions of Self-Concept. ED 328 562
Discourse and Processing Constraints on the Production of Controlled Narratives. ED 328 088
Distance Language Learning: A Survey of Students Enrolled in Language Courses at a Distance in Australian Higher Education Institutions in 1985. Working Papers in Distance Education, No. 12. ED 328 239
Distance Learning in North Dakota: A Cross-Technology Study of the Schools, Administrators, Coordinators, Instructors, and Students. Two-Way Interactive Television, AudioGraphic Tele-Learning, [and] Instruction by Satellite. ED 328 225
Do College Students Who Plan before Writing Score Better on Essay Exams? ED 327 868
Doing Democracy: Case Study at Cato Park. ED 328 473
Dropout in Technician Engineering Courses. An Exploratory Study of Dropout from New Zealand Certificate in Engineering Courses. ED 327 725
Dropout Rates in Massachusetts Public Schools: 1989. ED 328 652
Dynamic versus Static Assessment: A Comparison of the Effects of Each on the Reading Placement Levels of Chapter 1 Students. ED 327 808
Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner. ED 327 814
Educational Benchmarks, 1990. ED 327 924
The Education of Minority Students in Non-Urban Schools. ED 328 634
Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. ED 327 830
Effective Implementation of a Comprehension-Improvement Approach in Secondary Schools. Summary. ED 327 829
Effective Teaching of Hearing Impaired Students in Different Environments. ED 328 049

- The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students. ED 328 573
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness. ED 327 741
Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception. ED 327 803
The Effects of Directed Writing Activities on Reading Comprehension Performance. ED 327 828
The Effects of Hands-On versus Remediation-Based Biology Preparatory Course Curricula on Performance in Follow-up Biology Courses at the Community College Level. ED 328 414
Emerging Issues: A Survey of Education Committee Chairs. ED 327 920
Equity of Higher Educational Opportunity for Women, Black, Hispanic, and Low Income Students. ACT Student Financial Aid Research Report Series 91-1. ED 328 133
Essentials of Educational Psychology. ED 328 467
An Evaluation of the Effects of Parental Divorce on College Students. ED 327 908
An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program. ED 328 542
Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores. ED 328 145
An Experience Sampling Approach to the Study of Principal Instructional Leadership II: A Comparison of Activities and Beliefs as Bases for Understanding Effective School Leadership. Project Report. ED 327 943
An Experience Sampling Approach to the Study of Principal Instructional Leadership I: Results from the Principal Activity Sampling Form. ED 327 911
Experts Define the Ideal Elementary Literature Program. Elementary Subjects Center Series No. 29. ED 327 864
An Exploratory Study of Mathematical Problem Solving with Preservice Elementary Teachers. ED 328 541
Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project. ED 328 268
Factors That Affect Success in Nursing. Research Report No. 89-28R. ED 328 316
Fall Student Profile: 1989-90 Closing Fall Enrollment Analysis. Research Report No. 90-10R. ED 328 318
Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7. ED 328 310
Feminism for Girls: Linguistic Practice in Rural Australia. ED 328 063
A Five Year Longitudinal Study of Gifted and Talented Students: Grade 9-Post-High School Year. Volume 6. Summary Report. ED 328 015
Focus on Faculty Service. ED 328 113
A Follow-Up on the Experiences of Intern Teachers: A Report to the State Education Department on the New York State Mentor Teacher-Internship Program for 1986-1987 and 1987-1988. ED 328 528
Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7. ED 328 300
Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11. ED 328 304
Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8.

(143) Reports - Research

299

- Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2. ED 328 301
General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan. ED 328 306
General Learning at a Women's College. ED 328 315
High School Preparation as Viewed by Students in Miami-Dade Community College English Classes. ED 328 116
Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten. ED 328 333
How Advisers View Changes in the High School Press in the Post-Hazelwood Era. ED 327 822
How Case Managers Perceive Older Parents as Caregivers of Developmentally Disabled Adult Offsprings. ED 327 877
How Emotional Are Males and Females around Others? ED 327 787
Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students. ED 327 798
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies. ED 328 163
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities. ED 327 786
Incentives Closeup: Profiles of Twenty-One Teacher Incentive Programs. Attracting Excellence: Call for Teacher Incentives Series. ED 328 390
Independent Learning Activities in Science for Students At-Risk. ED 327 927
Independent Reading in English-Use of Graded Readers in the Library English as a Second Language Corner. ED 328 457
Inventory of Physical Facilities of Ontario Universities, 1989-90. ED 328 074
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children. ED 328 190
JTPA Operations at the Local Level: Coordination or Discord? Survey on the Relationships between Service Delivery Areas and Selected Local Service Agencies. Executive Summary and Recommendations. ED 328 035
Key Statistics for Public and Private Elementary and Secondary Education: School Year 1990-91. Early Estimates. Survey Report. ED 327 642
Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report. ED 328 617
Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution. ED 327 821
Leadership and Learning: A Measurement-Based Approach for Analyzing School Effectiveness and Developing Effective School Leaders. Project Report. ED 327 899
Leadership in Governance: Creating Conditions for Successful Decision Making in the Community College. First Edition. ED 327 950
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence. ED 328 294//
Logicity and Emotionality in Argumentation. ED 327 895
A Longitudinal Study of a Demonstration Project Related to the Recruitment, Preparation, and Re-

tention of Highly Qualified Persons for the Teaching Profession: The Bridenthal Internship Year.

ED 328 523

Longitudinal Study of Performance of Students Entering Harper College, 1977-1988. Volume XVIII, No. 9.

ED 328 302

Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5.

ED 328 299

Machine Learning and Tutoring System. Centre for Information Technology in Education Report No. 61.

ED 328 217

Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.

ED 327 804

Meeting the Economy's Labor Needs through Immigration: Rationale and Challenges. A Rand Note.

ED 328 625

Meta-Analysis of Effects of Explicit Instruction for Critical Thinking.

ED 328 614

Methods of Financing Educational Facilities in the United States.

ED 327 916

Middle Grades Teacher Preparation: A Future Focus.

ED 328 547

Middle Immersion Review 1990: A Comparison of Ottawa Board of Education Students in Three French Immersion Programmes in Grade 6 and Grade 8. Research Paper 90-01A.

ED 328 077

The Missing Link in Instructional Leadership: The Superintendent, Conflict, and Maintenance. Project Report.

ED 327 945

Modelling and Assessing Foreign Language Loss.

ED 328 071

A Multilevel Model of School Effectiveness in a Developing Country. World Bank Discussion Papers Number 69.

ED 328 560

National Higher Education Statistics: Fall 1990. Early Estimates. Survey Report.

ED 328 615

The Nation's Energy Education Report Card.

ED 328 423

A Nationwide Assessment of the Perceived Job Relevance of the National Board for Certified Counselors Examination.

ED 328 558

North Carolina Test of U.S. History. Technical Characteristics. Forms A-J.

ED 328 498

An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.

ED 328 582

Older Displaced Workers Write To Read: A Computer-Assisted, Work-Related Basic Skills Program Using the Process Approach to Writing. Final Report.

ED 327 696

Onsite Access to Library Collections by Visiting Scholars.

ED 328 253

Opinions Expressed by Students at the University of Nebraska at Omaha, 1989 Survey Results.

ED 328 172

Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study.

ED 328 619

[Papers of the ELF Project].

ED 328 211

Participation in Post-Compulsory Schooling in Scotland.

ED 328 185

Political Education in Hungary.

ED 328 464

Population in Perspective: Regional Views. A Population Learning Series.

ED 328 479

The Population Reference Bureau's Population Handbook. A Quick Guide to Population Dynamics for Journalists, Policymakers, Teachers, Students, and Other People Interested in People. Second Edition.

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Pre-College Science and Mathematics Teachers:

Supply, Demand, and Quality.

ED 328 408

Predicting Reading Rates That Correspond to Independent, Instructional, and Frustration Reading Levels for Third and Fifth Grade Students.

ED 327 844

Predictors of Intention To Take Precautions against AIDS among Black College Students.

ED 327 807

A Preliminary Assessment of School Level Differences in Instructional Leadership, School Culture, and Student Commitment. Project Report.

ED 327 944

A Preliminary Investigation of Superintendents' Perceptions Regarding Recruitment and Selection of Principals.

ED 327 973

Preservice Teacher Evaluation.

ED 328 530

The Prevalence, Lethality and Intent of Suicide Attempts among Adolescents.

ED 327 800

Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457.

ED 328 028

A Profile of Incoming Freshmen at the University of Maryland, College Park, 1990. Research Report 14-90.

ED 328 165

Profile of the Academically Underprepared Student at Miami-Dade Community College.

ED 328 332

Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 through 1988-89.

ED 328 331

Project on Academic Striving: The Moderation of Stress in the Lives of the Students of an Urban Intermediate School. A Project to Coordinate Research and Environmental Intervention. Final Report. Executive Summary.

ED 328 658

The "Psychological Environment" of the School: A Focus for School Leadership. Project Report.

ED 327 954

Public, Catholic Single-Sex, and Catholic Coeducational High Schools: Their Effects on Achievement, Affect and Behaviors.

ED 328 563

Quality Circle/Site-Based Management Implementation in Public School Districts.

ED 327 984

The Quality of Education Graduates Compared to Graduates Not Completing Certification.

ED 328 545

Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood.

ED 327 806

Racial Issues on Campus: How Students View Them.

ED 328 180

Radon Testing for Safe Schools Act. Report (To Accompany S. 1697) from the Committee on Environment and Public Works, United States Senate, One Hundred First Congress, Second Session.

ED 327 968

RATE IV-Teaching Teachers: Facts & Figures, 1990. Research About Teacher Education Project.

ED 328 550

The Readability of Trade Examinations.

ED 327 726

Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.

ED 327 845

The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children.

ED 328 048

Relationship between Personal and Contextual Characteristics and Principals' Administrative Behaviors. Project Report.

ED 327 953

The Relationship between Postsecondary and High School Course-Taking Patterns: The Preparation of 1980 High School Sophomores Who Entered Postsecondary Institutions by 1984. Survey Report. Contractor Report.

ED 328 618

The Relationships among Communicative Com-

Publication Type Index

petence, Roommate Rapport, Loneliness and Persistence in College.

ED 327 900

Report on the Use of the Standard Progressive Matrices with Male Corrective Trainees.

ED 328 585

Responding to Our Response: Student Strategies for Responding to Teacher Written Comments.

ED 328 098

The Role of Training, Individual Differences and Knowledge Representation in Cognitive-Oriented Task Performance.

ED 328 593

School Culture, Motivation, and Achievement. Project Report.

ED 327 948

School Dropouts: A Two-Generation Problem. Public Policy Research Series.

ED 328 631

School Partners in ILLINET. Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report.

ED 328 286

Science Attitude Analysis of Dayton Public School Teachers in Science.

ED 328 458

Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3.

ED 328 461

Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2.

ED 328 460

Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.

ED 328 579

Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction.

ED 328 201

Shared Ability Analysis across Tests: A Cautionary Note.

ED 328 571

Six-Year Follow-Up Study of 1981-1983 Transfer Alumni, Career Alumni and Stopouts. Volume XIX, No. 3.

ED 328 307

Smoking Outcome Expectancies among College Students.

ED 327 799

Social Mobility in a National Sample of Young Adult Males: How Young People Get Ahead in America.

ED 328 176

Speech and Language Learning: Non-Linguistic versus Linguistic Processes. Publication B-173.

ED 328 065

Stafford Student Loans. Millions of Dollars in Loans Awarded to Ineligible Borrowers. Report to the Chairman, Permanent Subcommittee on Investigations, Committee on Governmental Affairs, U.S. Senate.

ED 328 167

Stalling Out: The Relative Progress of African Americans.

ED 328 653

Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings.

ED 328 570

The State of Tennessee's Student/Teacher Achievement Ratio (STAR) Project: Technical Report (1985-1990).

ED 328 356

The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.

ED 327 744

Structural Impediments to Success: A Look at Disadvantaged Young Men in Urban Areas.

ED 328 656

Student Attitude toward Selected Instructional Strategies.

ED 327 843

Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4.

ED 328 298

Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4.

ED 328 298

ED 328 308
Students' Metacognition in Mathematical Problem Solving.

ED 328 438
A Study of Japanese and American Perceptions of Politeness in Requests.

ED 328 073
Study of Students Who Withdrew from Courses, Summer 1986-Spring 1988. Volume XVIII, No. 2.

ED 328 296
Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5.

ED 328 309
A Study of the Self-Paced Math Lab Approach to Developmental Algebra Compared to the Traditional Lecture Method at Brenau. Learning Theory and Applications.

ED 328 452
A Study of 571 Children with Developmental Disorders in a Slum-Population of Bombay.

ED 327 986
Study 9: The Impact of Microcomputers on Teachers and on the Observable Behaviours of Children Aged Four to Seven Years. Final Report. Evaluation of Exploratory Studies in Educational Computing.

ED 328 361
Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum.

ED 328 419
Survey of Ohio Employers. Job Training Partnership Program Year 1988.

ED 327 640
Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.

ED 328 580
A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10.

ED 328 238
Teacher Burnout in Diverse Elementary School Environments.

ED 328 539
Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series.

ED 327 928
Test of a Three-Factor Model of Teacher Commitment.

ED 328 546
Test Validity and Language Background: A Study of Hispanic American Students at Six Universities.

ED 328 623//
Theoretical Orientation of British Infant School Teachers.

ED 327 823
Time to Associate Degree Study: The Experience of May 1990 Graduates of the Kent State University Regional Campuses.

ED 328 328
Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?"

ED 328 140
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.

ED 328 303
Urban Second Graders' Attitudes toward Reading.

ED 327 841
Use of Management Statistics in ARL Libraries. SPEC Kit #153.

ED 328 251
The Variable Effects of Tracking: Inequality and Productivity in American High Schools.

ED 328 632
Variations in the Composing Behaviors of Academic ESL Writers in Test and Non-Test Situations.

ED 328 062
The Virginia Survey. Results from a Statewide Survey on Higher Education and Environmental Problems.

ED 328 105
Vocies and Preppies. The Winner in Written Communication Skills Is...

ED 327 644
"Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-

Based Whole Language Approach.

ED 327 840
What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing.

ED 328 245
What Do Workers Have To Say? Skills & Technological Change.

ED 327 719
What Factors Predict Differences in CLEAST Performance among Community Colleges? Research Report No. 90-12R.

ED 328 319
White Student Attitudes about African American Students in a University Setting. Research Report #9-90.

ED 328 164
"Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23.

ED 328 511
Women and Their Stories: Nine Case Studies in Educational Administration.

ED 327 978
Women Teaching for Change: Gender, Class & Power. Critical Studies in Education Series.

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Writing across the Entire Curriculum: A Status Report on Faculty Attitudes.

ED 327 871
Writing: Parents and Children at Work.

ED 327 846
21st Annual Survey of High Achievers: Attitudes and Opinions from the Nation's High Achieving Teens.

ED 328 171
(150) Speeches/Meeting Papers

Adult Literacy and Adult Education in the Socialist Modernization of China: Policy, Performance, Lessons.

ED 327 650
Adult Literacy for Development: The Logic and Structure of Economic Motivations.

ED 327 648
An AIDS Hotline: Primary Prevention in the Community.

ED 327 801
Alternative Models for Integration of Exceptional Students: Administrative and Research Implications.

ED 328 041
The Americans with Disabilities Act of 1990: Implications for Rehabilitation Counselors, Employers, and Persons with Disabilities.

ED 327 774
Applause, Applause: Evaluating Creative Responses and Projects.

ED 327 875
Applying Empirical Analyses to the Evaluation of Test Content.

ED 328 621
Assessing Internships as Experiential Learning: The Views of Interns, On-Site Supervisors, and Intern Coordinators.

ED 327 887
Assessing the Process of Marital Adaptation: The Marital Coping Inventory.

ED 327 802
Assumptions about Literacy Underlying an Employee Newsletter.

ED 327 861
The At-Risk College Student: A Paradigm for the Development of Critical Reading Skills.

ED 327 842
Attitudes and the Prediction of Behavior: A Meta-analysis.

ED 327 751
Back to the Future of Science and Math Education.

ED 328 417
Beyond Computer Planning: Managing Educational Computer Innovations.

ED 327 977
Bilingual Background and Early Reading Instruction as Factors Related to the Reading Achievement of High School Seniors.

ED 327 827
A Brief Overview of Three Classes of Methods for Detecting Item Bias.

ED 328 578
Building In Accountability Mechanisms for Democracies & Bureaucracies: From Governmental

& Educational Special Interest Operations to High-Quality Performance Systems. An Added Perspective to "What Price Democracy? Politics, Markets and America's Schools" by Dr. Terry Moe and Dr. John Chubb.

ED 327 972
Canonical Correlation: Terms and Descriptions.

ED 328 567
A Captive Audience: Debating in a Maximum Security Prison.

ED 327 883
Charlatans, Knowledge, Curriculum and Phenomenological Research. Working Papers in Distance Education, No. 5.

ED 328 236
Children's Failure To Read: Learner Deficit or Task Artifact?

ED 327 813
Classroom Discourse: Questions, Quarrels, and Introspections.

ED 328 544
Clearing the Air: A Collaborative Approach to Smoke-Free Schools.

ED 328 537
Cognitive Structures in BBC Financial Reports.

ED 328 084
College Learning Strategies: A Retention Model for At-Risk Students.

ED 327 825
Communication Adaptability and Interaction Involvement as Predictors of Cross-Cultural Adjustment.

ED 327 907
Communication Competency through Faculty Development.

ED 327 909
Communication Techniques for Individual and Organizational Coping with Job Burnout.

ED 327 896
Community Based Training Centers for the Vocational Transitioning of Students with Mental Retardation.

ED 327 688
Comparison of Achievement of Students in On-Campus Classroom Instruction versus Satellite Teleconference Instruction.

ED 327 668
Comparison of Group Climate Scores between Executives from Functional and Dysfunctional Families of Origin.

ED 327 805
A Comparison of Learning Disabled and Non-disabled Adolescent Motivational Processes.

ED 328 036
Comprehension and Communicative Evidence in Operative Mathematics Instruction.

ED 328 087
Comprehensive Assessment of Learning Outcomes and Processes for Working Adult Students.

ED 327 666
Comprehensive Retention and Attrition Model (CRAM).

ED 328 527
Computer-Based Assessment of Cognition: The ETS Factor Kit.

ED 328 587
Construct Validity of an Instrument To Measure Computer Aversion.

ED 328 569
Context Effects in Comprehending Familiar and Unfamiliar Proverbs.

ED 327 876
A Cost Free Counseling Model for High Risk Elementary Students.

ED 327 788
Counseling and Guidance for Gifted Under-achievers.

ED 328 051
Counselor Attractiveness, Similarity, and Session Impact: A Field Study.

ED 327 797
Crossing the Lines: On Creative Composition and Composing Creative Writing.

ED 327 855
The Current Status of T&I Teacher Education in the United States.

ED 327 647
Dangerous Liaisons: When Film and Literature Meet.

ED 327 863
Decision-making and Professional Development. A Focus on the Individual.

- ED 328 534
Departmental Issues in Dual-Academic Marriages.
- ED 327 743
Developing Writing Skills in a Speech Writing Course.
- ED 327 862
Developmental Spelling and Other Language Predictors of Reading Achievement.
- ED 327 815
Development and Evaluation of a Social Skills Training Program for Physically Aggressive Institutionalized Elderly.
- ED 327 747
The Development of Relationships between Young Hearing Impaired and Hearing Writers Sharing Journals.
- ED 328 047
Differences in Home Educational Processes and Academic Achievement among Three Hispanic Groups in the U.S.
- ED 328 646
The Different Forms of Learning in Psychology and Education. CITE Report No. 24.
- ED 328 481
Discourse and Processing Constraints on the Production of Controlled Narratives.
- ED 328 088
Divorce and Bar Mitzvah: A First Look.
- ED 327 742
Do College Students Who Plan before Writing Score Better on Essay Exams?
- ED 327 868
Ecological Fallacy in Reading Acquisition Research: Masking Constructive Processes of the Learner.
- ED 327 814
Effective Teaching of Hearing Impaired Students in Different Environments.
- ED 328 049
The Effect of Social Roles and Performance Cues on Self-Evaluations: Evidence for an Interpersonal Model of Loneliness.
- ED 327 741
Effects of Aversive Versus Positive Behavioral Treatment, Treatment Setting, and Client IQ on Person Perception.
- ED 327 803
The Effects of Directed Writing Activities on Reading Comprehension Performance.
- ED 327 828
The Essential Theory of Literacy and Its Implications for Programming and Evaluation.
- ED 327 649
Ethics in the University.
- ED 328 169
Evaluating the Sample Specificity of Discriminant Analysis Results Using the Jackknife Statistic.
- ED 328 574
An Evaluation of a College Developmental Reading Program.
- ED 327 839
An Evaluation of the Effects of Parental Divorce on College Students.
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An Examination of Teachers' Attitudes of a Six-Year Career Ladder Program.
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Examining the Relationship between College Core Course Areas and Sophomore Critical Thinking Test Scores.
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Exploratory Factor Analysis: A Review and Illustration of Five Principal Components Decision Methods for Attitudinal Data.
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The Faculty Development Component of Speaking across the Curriculum.
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Female, Lesbian, and Jewish: Complex and Invisible.
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Home Literacy Practices of Parents Whose Children Are Enrolled in a Whole Language Kindergarten.
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How Emotional Are Males and Females around Others?
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HyperTechnic-A Graphic Object-Oriented Control Language.
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Hypnotherapy and Test Anxiety: Two Cognitive-Behavioral Constructs. The Effects of Hypnosis in Reducing Test Anxiety and Improving Academic Achievement in College Students.
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Idea Generation Techniques: Quantities and Ad Ideas in Minimum Time.
- ED 327 880
If the World Is Round and Schools Are Flat, Can We Have Global Education in Schools? Contradictions, Questions, and Paradoxes of Global Education in Schools.
- ED 328 486
Impact of Faculty Supervisors on Counseling Trainees' Attitudes toward Social Influence Strategies.
- ED 327 786
The Impact of Service Sector Growth on Changing Patterns of Stratification among Communities.
- ED 328 390
Improving Geography Teaching through Program Planning: An Approach to Pre-Service and In-Service Education.
- ED 328 514
Improving Student Achievement through Enhancing the Instructional Communication Competence of Teachers.
- ED 327 912
Independent Reading in English-Use of Graded Readers in the Library English as a Second Language Corner.
- ED 328 074
The Indiana Principal Leadership Academy: A Model for Professional Development.
- ED 327 971
An Innovative Principal Preparation Program: A Structural Approach.
- ED 327 974
Inside the Black Box: Understanding Home Visiting Programs.
- ED 328 336
Insights from the French Immersion Experience in Canada.
- ED 328 061
The Integration of Teleconferencing in Distance Teaching.
- ED 328 227
Intelligent Computer-Aided Instruction and Musical Performance Skills. CITE Report No. 18.
- ED 328 483
Interactional Problem-Solving in Mathematic Lessons: A Transcript Analysis.
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The Interpenetration of the Tribal and Modern World: An Example of a World Paradigm.
- ED 328 503
Interpretation of Student Data: Contextual Variables and Cultural Implications.
- ED 328 166
Introducing New Technology: Chasing a Dream.
- ED 328 208
James Madison's Practical Ideals for the 1990s.
- ED 328 507
The "Jangle Fallacy" Revisited: IQ and Achievement with Learning Disabled Children.
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Language Implications for Advertising in International Markets: A Model for Message Content and Message Execution.
- ED 327 899
Leadership, Control, Communication and Comprehension: Key Factors in Successful Implementation of SBDM.
- ED 328 655
Levels of Interaction Teacher-Learner in Different Models of L2 Learning: Possibilities and Implications.
- ED 328 079
Lexical Decomposition as a Strategy for Guessing Unknown Words: Users' Competence and Confidence.
- ED 328 096
Linguist Proficiency Improvement Courses.
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Literacy in an Emergent Society: Papua New Guinea.
- ED 327 816
Literacy: The Impact of Technology on Early Reading.
- ED 327 832
Logicity and Emotionality in Argumentation.
- ED 327 895
Looking Left, Then Right: Administering the Wyoming Resolution.
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Making Introductory Foundations of Education Courses More Effective. [Part One: The Case of Educational Studies 201, Emory University. Part Two: An Empirical Study.]
- ED 328 548
Male Counselor Gender Role Identity: Sexual Orientation and Physical Characteristics.
- ED 327 804
Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education.
- ED 328 228
Mass Communication Effects: A Weakness Theorem.
- ED 327 901
Meaning as Language Use: The Case of the "Language-Linked" Value Objection.
- ED 327 888
Memories and Written Remembrances: Creating a Link between Prior Knowledge and Children's Literature.
- ED 327 838
Meta-Analysis of Effects of Explicit Instruction for Critical Thinking.
- ED 328 614
Micro Labs for High School Chemistry.
- ED 328 395
Middle Grades Teacher Preparation: A Future Focus.
- ED 328 547
A Model of Evaluation Planning, Implementation and Management toward a "Culture of Information" within Organizations.
- ED 328 590
More than a Decade's Highlight? The Holistic Scoring Consensus and the Need for Change.
- ED 328 594
Motivational Determinants of Alcohol Use: A Theory and Its Applications.
- ED 327 759
My Cousin the Arab.
- ED 327 848
The Nature and Treatment of Speech Fright.
- ED 327 897
The Nature of "Exemplary" Science Teachers:

Publication Type Index

- Implications for Teacher Education. ED 328 430
- No Place Like Home. ED 328 025
- Ordinal Hypothesis in ANOVA Designs: A Monte Carlo Study. ED 328 619
- Organizational and Communication Strategies as Responses to Change: Continuing Education Programs in Corporate Settings. ED 327 884
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- Predicting Reading Rates That Correspond to Independent, Instructional, and Frustration Reading Levels for Third and Fifth Grade Students. ED 327 844
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- Prescribed Exercise Behavior in the Treatment of Spouse Abuse. ED 327 766
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- Publius and the Contemporary Court. ED 328 506
- Quality Services Management: A Consumer-Oriented Model for Systems Audit and Strategic Intervention. ED 328 009
- Race Differences in Self-Perception and Locus of Control during Adolescence and Early Adulthood. ED 327 806
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- Reading Groups: Problems, Solutions. ED 327 833
- Reflections on International Bibliographic Standards. ED 328 283
- Reflections on Psychotherapy and Aerobic Exercise. ED 327 762
- A Regional On-Site Administrator Preparation Program. ED 327 913
- The Relationship between Knowledge of Story Structure and Question Comprehension in Young Hearing Impaired Children. ED 328 048
- The Relationship of Cognitive Style to Academic Performance among Dental Students. ED 328 205
- The Relationships among Communicative Competence, Roommate Rapport, Loneliness and Persistence in College. ED 327 900

- A Report on the Social Context Model of Adult Literacy. ED 327 809
- The Research Agenda and the Basic Course in Communication. ED 327 882
- Review of the Interactive Model: Reconsideration of Reading and Writing Relationship. ED 327 831
- R.I.P.: Registration Involving Parents. ED 328 391
- The Role of Information in the Economy of the Southeast. ED 328 284
- The Role of Information System for Education Planning and Management. ED 328 285
- The Role of the University in Trade and Industrial Education Credentialing. ED 327 646
- Separating the Wheat from the Chaff: Finding the Unique Effect of Supplemental Course Instruction. ED 328 201
- Shared Ability Analysis across Tests: A Cautionary Note. ED 328 571
- Smoking Outcome Expectancies among College Students. ED 327 799
- Social Support Perspectives on Programs for Parents: Lessons from the Child Survival/Fair Start Home Visiting Programs. ED 327 763
- Special Projects: An Historical Analysis. ED 328 024
- Spelling in the Context of Current Approaches to Language. ED 327 847
- Standardization of the WISC-R in Puerto Rico: The Process and the Preliminary Findings. ED 328 570
- Student Attitude toward Selected Instructional Strategies. ED 327 843
- Student Leadership in Forensic Programs. ED 327 902
- Student Reaction to Contract Grading. ED 328 196
- Students' Metacognition in Mathematical Problem Solving. ED 328 438
- Systems Planning Literature Response: An Appropriate Strategy for Teaching Geography and Social Studies in the Elementary School. ED 328 465
- Teacher Burnout in Diverse Elementary School Environments. ED 328 539
- Teaching about AIDS/HIV Disease to College Students. ED 327 761
- Teaching about Women and the Vietnam War. ED 328 491
- Teaching the Science in Science Fiction. ED 328 456
- Technical Manual: Handwriting Research Corporation. ED 327 860
- Test of a Three-Factor Model of Teacher Commitment. ED 328 546
- Theoretical Orientation of British Infant School Teachers. ED 327 823
- Thinking about College Teaching. ED 328 174
- The Threat of a State Graduation Examination for Non-Public Schools in Louisiana. ED 328 566
- Tracing the Economic Backgrounds of COFHE Students: Has There Been a "Middle-Income Melt?" ED 328 140
- Transfer to Success. ED 327 837
- Tutoring with Incomplete and Uncertain Knowledge. CITE Report No. 38. ED 328 485
- Urban Second Graders' Attitudes toward Reading. ED 327 841

(160) Tests/Questionnaires

303

- Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District. ED 328 290
- Use of the U-Method To Establish the External Validity of Discriminant Analysis Results. ED 328 588
- Utilizing Germania-Franistan as an Exercise in Negotiated Decision-Making for the Introductory Speech Communication Course. ED 327 891
- The Validity of Writing Test Tasks. ED 328 072
- The Value of Project Work in INSET. ED 328 081
- Verbal and Nonverbal Communication in the Initiation of Sex. ED 327 881
- "Weaving a Web" of Literacy: A One-Year Evaluation of the Implementation of a Literature-Based Whole Language Approach. ED 327 840
- Western Massachusetts Five College/Public School Partnership. ED 328 152
- What Did We Say; How Did We Say It; and Who Said It? A Review of a Decade of General Academic Library Publishing. ED 328 245
- "Whose" Content, Context, and Culture in Elementary Art and Music Textbooks? Elementary Subjects Center Series No. 23. ED 328 511
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- Women in the Farmers' Alliance. ED 328 501
- Writing about Literature: The Paper of Many Parts. ED 327 872
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- (160) Tests/Questionnaires**
- Academic Libraries: 1988. E.D. TABS. ED 328 255
- Accommodating Change and Diversity: Linking Rural Schools to Communities. A Report of the Ford Western Taskforce. ED 328 392
- The Analysis of Commonly Used Literature Curriculum Materials. Elementary Subjects. ED 327 865
- Augmentative Communication for Children with Deaf-Blindness: Guidelines for Decision-Making. ED 328 005
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- Beginning Teachers' Perceptions of Their Proficiency in Teaching Skills. ED 328 515
- Classroom Discipline: Report of the Superintendent's Task Force on Classroom Discipline. ED 327 983
- Coming and Going: Forty Years of the Fulbright Programme in New Zealand. ED 328 149
- The Computer as a Diagnostic Tool in Mathematics. Final Report-November 1988. Evaluation of Exploratory Studies in Educational Computing Study 13. ED 328 463
- Computerized Online Bibliographic Searching. SPEC Kit # 154. ED 328 252
- Computer Speech Devices for Adult Literacy Skills. Final Report. ED 327 694
- Construct Validity of an Instrument To Measure Computer Aversion. ED 328 569
- Continuing Education Needs Assessment Study of Dietary Technicians. Volume XVIII, No. 3. ED 328 297
- Copyright & Home Copying. Technology Challenges the Law. ED 328 262
- The Current Status of T&I Teacher Education in the United States.

ED 327 647
Developing Effective Integration between Students with Severe Handicaps and Their Peers: A Teachers' Manual. Teaching Research Integration Project for Children and Youth with Severe Handicaps.

ED 328 002
The Development and Implementation of a Program To Promote Secondary Level Science Research Education.

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The Economic Impact of Liberty University on the Lynchburg Area.

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The Effect of Collaborative Testing on the Test Scores and the Classroom Attitudes of Junior High School PreAlgebra Students.

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Employer Needs Assessment.

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Evaluation of a Third Year Distance Education Course: Monetary Economics. Working Papers in Distance Education, No. 1.

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An Evaluation of the Effects of Parental Divorce on College Students.

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Facilitating Information Seeking through Cognitive Modeling of the Search Process. A Library Studies Research Project.

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Feasibility Study for Establishing an Insurance Program for Harper College. Volume XIX, No. 7.

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Feasibility Study for Hotel/Motel Career Program for Harper College. Volume XIX, No. 1.

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Follow-Up Study of 1987 Harper Transfer Alumni. Volume XVIII, No. 7.

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Follow-Up Study of 1988 Harper Career Alumni. Volume XVIII, No. 11.

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Follow-Up Study of 1988 Nursing Graduates. Volume XVIII, No. 8.

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Follow-Up Study of 1989 Dental Hygiene Graduates. Volume XIX, No. 2.

ED 328 306
General Community Needs Assessment: Conducted for the Development of the Educational and Facilities Master Plan.

ED 328 315
High School Preparation as Viewed by Students in Miami-Dade Community College English Classes.

ED 328 333
How Advisers View Changes in the High School Press in the Post-Hazelwood Era.

ED 327 877
Improving the Personal Fitness of Secondary Trainable Mentally Handicapped Students through Aerobic Exercise.

ED 328 042
Independent Reading in English—Use of Graded Readers in the Library English as a Second Language Corner.

ED 328 074
The Instructional Consultant Role of the School Library Media Specialist: A Research Study.

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Is Reserve a Jeopardized Service in Academic Libraries? A Position Paper.

ED 328 273
Language Development Component Compensatory Language Experiences and Reading, CLEAR-Reading Recovery Program, 1989-90. Final Evaluation Report.

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Long-Term Follow-Up Study of Legal Tech Graduates, 1984-1988. Volume XVIII, No. 5.

ED 328 299
Majoring in the Rest of Your Life. Career Secrets for College Students.

ED 328 183//
Marrow Bone Thinking: A Plea for Strengthened Qualitative Research in Distance Education.

ED 328 228
The Mastery in Learning Project at Orchards El-

ementary School with the Consultancy of Lewis-Clark State College, Lewiston, Idaho.

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Middle Grades Teacher Preparation: A Future Focus.

ED 328 547
Middle Immersion Study 1988. Research Paper 88-08.

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The Nation's Energy Education Report Card.

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An Observation Schedule for Assessing Computer Technology Environments at Second, Third, and Fourth Grade Levels.

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Onsite Access to Library Collections by Visiting Scholars.

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Portland Peers Project. Interim Evaluation Report, 1989-90.

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Professional Organizations' Role in Meeting the Personnel Demands of Part H, P.L. 99-457.

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Program Planning & Proposal Writing. Expanded Version. Grantsmanship Center Reprint Series.

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Project ENTRANS: A Model for Transition of Preschool Children with Handicaps into Public School.

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Reading/Writing Immersion: A Decision Making Literacy Development Project. Final Report: Year 1.

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Regional Campuses Alumni Survey of 1987, 1988, and 1989 Associate Degree Recipients.

ED 328 327
Regional Campuses New Freshmen Survey.

ED 328 329
Report on Career Placement and External Transfer of 1989 Graduates.

ED 328 314
Results of the Child Care Needs Survey at Miami-Dade Community College. Research Report No. 90-17R.

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School Partners in ILLINET: Automation Options for School Library Resource Sharing in Illinois. Final Report [and] Partners in ILLINET. Special Report.

ED 328 286
Science Attitude Analysis of Dayton Public School Teachers in Science.

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Science Teaching in New Brunswick Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 3.

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Science Teaching in Nova Scotia Grades 7, 8 and 9: Results of a Teacher Survey Conducted in May, 1990. Research Report Number 2.

ED 328 460
Selecting a Superintendent.

ED 327 926
Selection for Journalism: An Investigation into the Validity of Procedures for a Polytechnic Course.

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Spanish Partial Immersion Program. 1989-90 Evaluation Report.

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The Status of Career Guidance in Michigan Schools. An Opinion Research Study of Career Guidance Professionals.

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Status of States' Progress in Implementing Part H of P.L. 99-457: Report #2 and Executive Summary.

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Student Characteristics as Compared to the Community Profile, Fall, 1988. Volume XVIII, No. 4.

Publication Type Index

ED 328 298
Student Characteristics as Compared to the Community Profile of Fall, 1989. Volume XIX, No. 4.

ED 328 308
Student Reaction to Contract Grading.

ED 328 196
A Study of Japanese and American Perceptions of Politeness in Requests.

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Study of Students Who Withdrew from Courses, Summer 1988-Spring 1988. Volume XVIII, No. 2.

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Study of Students Who Withdrew from Courses, Summer 1988-Spring 1990. Volume XIX, No. 5.

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Survey Feedback from Secondary School Teachers that are Finishing their First Year Teaching from an Integrated Mathematics Curriculum.

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Survey of Ohio Employers. Job Training Partnership Program Year 1988.

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Survey of the Usage of Standardized Tests of Achievement for Fiji (STAF), 1984-1985: A Report.

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A Survey of Use and Evaluation of Support Services by External Students, 1983. Working Papers in Distance Education, No. 10.

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Surveys of Student Alcohol and Other Drug Use: A Consumer's Guide.

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Teacher Education and Mentoring Program: Program Design and Research Results.

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Teacher Education Pipeline II: Schools, Colleges, and Departments of Education Enrollments by Race and Ethnicity.

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Teachers Incentives from the Inside: Five Studies by Teacher-Researchers. Attracting Excellence: Call for Teacher Incentives Series.

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Test Validity and Language Background: A Study of Hispanic American Students at Six Universities.

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Think Earth Environmental Education Program. Report on May 1990 Field Test of Units for Kindergarten through Third Grade.

ED 328 445
UCLA Higher Education Research Institute Faculty Survey-1990. Volume XVIII, No. 10.

ED 328 303
Use of Information Referenced Testing To Monitor Policy Information Attenuation in a Large Urban District.

ED 328 290
Use of Management Statistics in ARL Libraries. SPEC Kit #153.

ED 328 251
What Ninth Graders Know about AIDS: A Report on the 1990 Illinois AIDS Survey.

ED 327 740
Who Are Late Registrants and What Will They Do when Faced with a Late Registration Fee?

ED 328 324
Writing: Parents and Children at Work.

ED 327 846

Clearinghouse Number/ED Number Cross-Reference Index

307

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AA001209	ED327632	CE056726	ED327690	CG023052	ED327748	CS009708	ED327808
		CE056736	ED327691	CG023053	ED327749	CS010081	ED327809
		CE056741	ED327692	CG023054	ED327750	CS010350	ED327810
CE055265	ED327633	CE056745	ED327693	CG023055	ED327751	CS010363	ED327811
CE055506	ED327634	CE056747	ED327694	CG023056	ED327752	CS010366	ED327812
CE056274	ED327635	CE056752	ED327695	CG023057	ED327753	CS010368	ED327813
CE056277	ED327636	CE056753	ED327696	CG023058	ED327754	CS010369	ED327814
CE056279	ED327637	CE056754	ED327697	CG023059	ED327755	CS010370	ED327815
CE056315	ED327638	CE056755	ED327698	CG023060	ED327756	CS010371	ED327816
CE056507	ED327639	CE056760	ED327699	CG023061	ED327757	CS010372	ED327817
CE056538	ED327640	CE056762	ED327700	CG023062	ED327758	CS010373	ED327818
CE056546	ED327641	CE056763	ED327701	CG023063	ED327759	CS010376	ED327819
CE056564	ED327642	CE056764	ED327702	CG023064	ED327760	CS010377	ED327820
CE056618	ED327643	CE056765	ED327703	CG023065	ED327761	CS010378	ED327821
CE056622	ED327644	CE056766	ED327704	CG023066	ED327762	CS010379	ED327822
CE056624	ED327645	CE056767	ED327705	CG023067	ED327763	CS010380	ED327823
CE056649	ED327646	CE056768	ED327706	CG023068	ED327764	CS010381	ED327824
CE056650	ED327647	CE056769	ED327707	CG023069	ED327765	CS010382	ED327825
CE056651	ED327648	CE056770	ED327708	CG023070	ED327766	CS010383	ED327826
CE056652	ED327649	CE056771	ED327709	CG023071	ED327767	CS010384	ED327827
CE056653	ED327650	CE056772	ED327710	CG023072	ED327768	CS010385	ED327828
CE056654	ED327651	CE056773	ED327711	CG023073	ED327769	CS010386	ED327829
CE056655	ED327652	CE056774	ED327712	CG023074	ED327770	CS010387	ED327830
CE056656	ED327653	CE056775	ED327713	CG023075	ED327771	CS010388	ED327831
CE056661	ED327654	CE056776	ED327714	CG023076	ED327772	CS010389	ED327832
CE056665	ED327655	CE056777	ED327715	CG023077	ED327773	CS010390	ED327833
CE056666	ED327656	CE056778	ED327716	CG023078	ED327774	CS010391	ED327834
CE056667	ED327657	CE056800	ED327717	CG023079	ED327775	CS010392	ED327835
CE056668	ED327658	CE056802	ED327718	CG023080	ED327776	CS010394	ED327836
CE056669	ED327659	CE056803	ED327719	CG023081	ED327777	CS010395	ED327837
CE056670	ED327660	CE056805	ED327720	CG023082	ED327778	CS010396	ED327838
CE056671	ED327661	CE056807	ED327721	CG023083	ED327779	CS010397	ED327839
CE056672	ED327662	CE056809	ED327722	CG023084	ED327780	CS010398	ED327840
CE056673	ED327663	CE056812	ED327723	CG023085	ED327781	CS010400	ED327841
CE056674	ED327664	CE056814	ED327724	CG023086	ED327782	CS010401	ED327842
CE056678	ED327665	CE056815	ED327725	CG023087	ED327783	CS010404	ED327843
CE056679	ED327666	CE056816	ED327726	CG023088	ED327784	CS010406	ED327844
CE056685	ED327667	CE056818	ED327727	CG023089	ED327785	CS010411	ED327845
CE056686	ED327668	CE056819	ED327728	CG023090	ED327786	CS212385	ED327846
CE056690	ED327669	CE056821	ED327729	CG023091	ED327787	CS212602	ED327847
CE056691	ED327670	CE056822	ED327730	CG023092	ED327788	CS212603	ED327848
CE056692	ED327671//	CE056823	ED327731	CG023093	ED327789	CS212616	ED327849
CE056694	ED327672	CE056826	ED327732	CG023094	ED327790	CS212617	ED327850
CE056695	ED327673	CE056827	ED327733	CG023095	ED327791	CS212618	ED327851
CE056696	ED327674	CE056831	ED327734	CG023096	ED327792	CS212619	ED327852
CE056698	ED327675	CE056832	ED327735	CG023097	ED327793	CS212620	ED327853
CE056711	ED327676	CE056833	ED327736	CG023098	ED327794	CS212622	ED327854
CE056712	ED327677	CE057132	ED327737	CG023099	ED327795	CS212623	ED327855
CE056713	ED327678	CE057133	ED327738	CG023100	ED327796	CS212625	ED327856
CE056714	ED327679	CE057134	ED327739	CG023101	ED327797	CS212626	ED327857
CE056715	ED327680	CG023102	ED327798	CG023102	ED327798	CS212627	ED327858
CE056716	ED327681	CG023103	ED327799	CG023103	ED327799	CS212628	ED327859
CE056717	ED327682	CG023104	ED327800	CG023104	ED327800	CS212629	ED327860
CE056718	ED327683	CG023105	ED327801	CG023105	ED327801	CS212630	ED327861
CE056719	ED327684	CG023106	ED327802	CG023106	ED327802	CS212631	ED327862
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CE056721	ED327686	CG023108	ED327804	CG023108	ED327804	CS212633	ED327864
CE056722	ED327687	CG023109	ED327805	CG023109	ED327805	CS212634	ED327865
CE056724	ED327688	CG023110	ED327806	CG023110	ED327806	CS212635	ED327866
CE056725	ED327689	CG023111	ED327807	CG023111	ED327807	CS212636	ED327867

CS212637	ED327868	EA022627	ED327963	FL018884	ED328056	HE024204	ED328151//
CS212638	ED327869	EA022628	ED327964	FL018903	ED328057	HE024205	ED328152
CS212639	ED327870	EA022634	ED327965	FL018909	ED328058	HE024206	ED328153
CS212641	ED327871	EA022638	ED327966//	FL018910	ED328059	HE024207	ED328154//
CS212642	ED327872	EA022640	ED327967	FL018940	ED328060	HE024208	ED328155
CS212643	ED327873	EA022641	ED327968	FL018982	ED328061	HE024209	ED328156//
CS212644	ED327874	EA022642	ED327969	FL019004	ED328062	HE024210	ED328157
CS212645	ED327875	EA022643	ED327970	FL019019	ED328063	HE024211	ED328158
CS212646	ED327876	EA022645	ED327971	FL019028	ED328064	HE024212	ED328159//
CS212647	ED327877	EA022646	ED327972	FL019029	ED328065	HE024213	ED328160//
CS212652	ED327878	EA022647	ED327973	FL019030	ED328066	HE024214	ED328161//
CS212710	ED327879	EA022648	ED327974	FL019031	ED328067	HE024215	ED328162
CS506722	ED327880	EA022649	ED327975	FL019032	ED328068	HE024216	ED328163
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CS507351	ED327882	EA022657	ED327977	FL019034	ED328070	HE024218	ED328165
CS507352	ED327883	EA022659	ED327978	FL019036	ED328071	HE024220	ED328166
CS507362	ED327884	EA022662	ED327979//	FL019037	ED328072	HE024221	ED328167
CS507363	ED327885	EA022663	ED327980	FL019038	ED328073	HE024222	ED328168
CS507365	ED327886	EA022669	ED327981	FL019039	ED328074	HE024223	ED328169
CS507366	ED327887	EA022673	ED327982	FL019042	ED328075	HE024224	ED328170//
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CS507368	ED327889	EA022688	ED327984	FL019045	ED328077	HE024226	ED328172
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CS507377	ED327898	EC233201	ED327991	FL019055	ED328086	HE024235	ED328181//
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CS507379	ED327900	EC233204	ED327993	FL019057	ED328088	HE024237	ED328183//
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CS507382	ED327902	EC233206	ED327995	FL019060	ED328090	HE024240	ED328185
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EA022417	ED327913	EC233221	ED328008	FL800262	ED328103	HE024262	ED328198//
EA022517	ED327914	EC233222	ED328009	FL800284	ED328104	HE024263	ED328199
EA022522	ED327915	EC233223	ED328010			HE024264	ED328200//
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EA022524	ED327917	EC233225	ED328012	HE022867	ED328105	HE024266	ED328202
EA022529	ED327918	EC233226	ED328013	HE023394	ED328106//	HE024267	ED328203
EA022534	ED327919	EC233227	ED328014	HE024086	ED328107	HE024268	ED328204
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EA022549	ED327922//	EC233231	ED328017	HE024128	ED328110//	HE024271	ED328207//
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IR053405	ED328248	PS019202	ED328341	SE051910	ED328434	SP032839	ED328527
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IR053407	ED328250	PS019241	ED328343	SE051912	ED328436//	SP032841	ED328529//
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UD027917 ED328655
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UD027928 ED328659
UD027951 ED328660//
UD027952 ED328661//

THESAURUS ADDITIONS AND CHANGES

All new Descriptors and other *Thesaurus* changes previously listed here are now included in the new 1990 *Thesaurus of ERIC Descriptors* (12th edition). The 1990 edition reflects all updates to the *Thesaurus* file through April 1990, including 282 new Descriptors and many other changes since the 1987 (11th) edition was published. New Descriptors, deleted Descriptors, scope note modifications, etc., implemented in the *Thesaurus* beyond April 1990 will continue to be listed in this *Thesaurus Additions and Changes* section in order to bring them to the attention of users.

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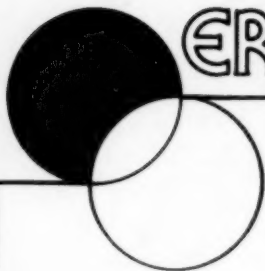
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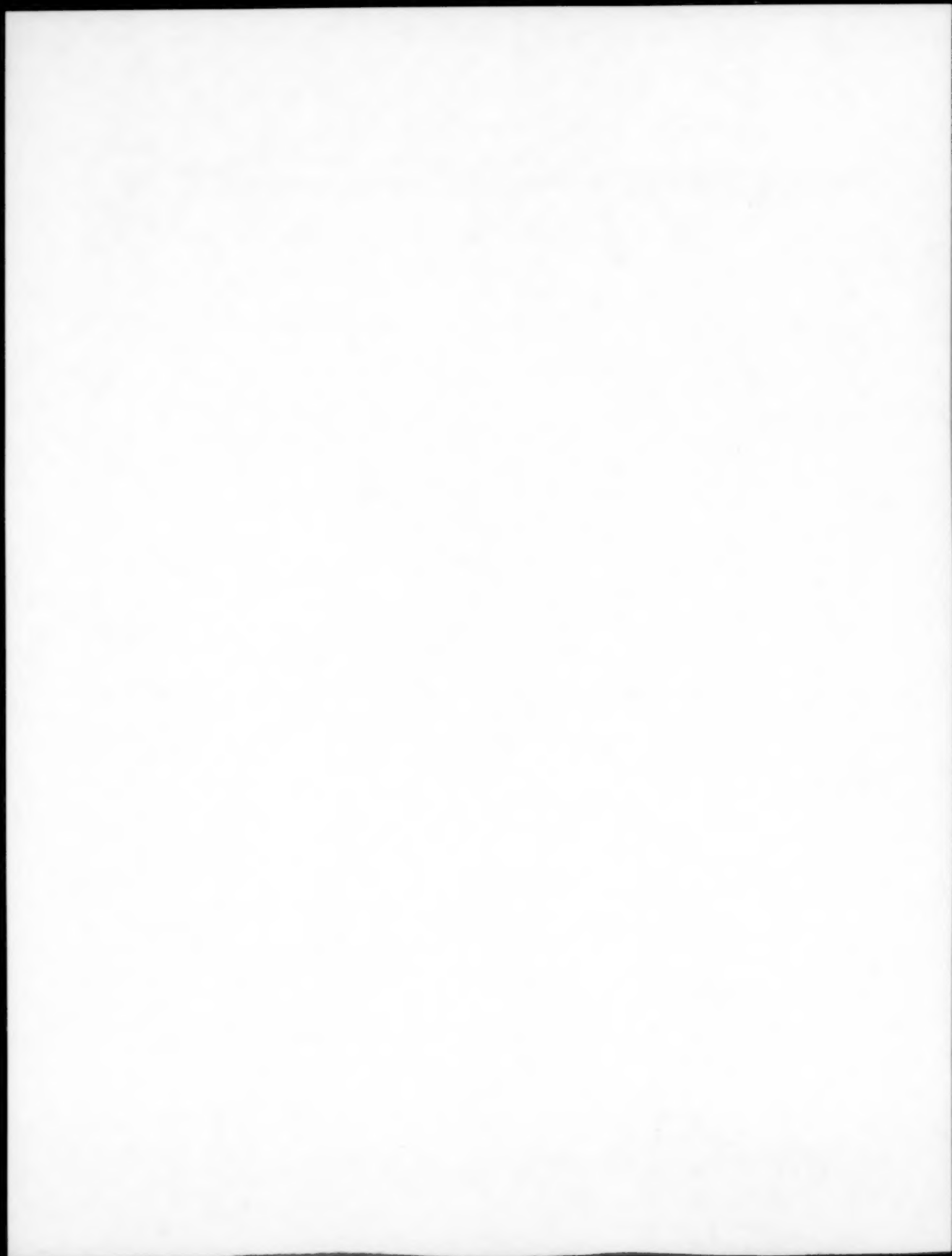
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MICROFICHE

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